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Title word cross-reference

((1, 2)) [BJ13]. (*, 2) [KO15]. (1.5 + \epsilon) [CWZL08]. (L, d) [CW11, DBR07, Tan14]. + [ZSH21]. 1 [APPG18]. 1.375 [EH06]. 1/3/3 [LCH19]. 2 [BLR15, HZL19, KD15, LN21, LBQ+13, SSF18]. 2+ [LCOMG14]. 3 [ACSR21, ARP+16, BWRF12, CWT+19, CHC+21, CBF+18, GHZ+22, GPF+20, GH15, HS15, KL19, KSMT19, LQV+13, LHQ+18, NPK+07, RG16, RWH+10, Str11, SSF18, VMD+08, YH+15, YCZ+18]. 4 [KHI+21, LBQ+13, MCRC17]. 13 [AAG+18].

\[2 \text{ [LWL+20]. } 3 \text{ [PM20, YLY+12]. } 6 \text{ [GM22]. } \]

ATP [BMH+16]. \alpha [MRB12]. \beta [AAE11, BMH+16, CNS+22b, DNS19, YXS16]. \ell 1 [CMR19]. \ell 2 [JXN+16]. \ell 3 [BCS11]. G

[LBQ+13]. K [CZ20, ARZ+14, PFJ+19, SC22a, ATX21, AC12, AFJ12, HC14a, IM14, LMZ14, PSC20, QZZ21b]. Lp [LTT10]. \lambda [SPA17]. M [ZWH16]. N [LZGZ14, MRK18, SLL+19, KNTB18].

O(m log m) [SSS+15]. O(N^2) [BHS+04].

O(n log n) [WLY14]. \Omega(n^2 / \log n) [BE08]. P [VTGC16, UKV18]. q [CZ21]. R [MTNH17, Pol13]. S [SP11].


-Helix [MRB12]. -Information [AC12].
-Labels [MRK18]. -Linked [SLL+19].
-Matrix-Based [ZWZ16]. -means [IM14].
-motif [Tan14, CW11]. -Omic [Ano12a, NVL22]. -Peptide [KNTB18].

/ [BCFCC13].


3' [MSH+11]. 3-in-1 [ACP22]. 3b [LGN+19]. 3gClust [HCN+19]. 3ST [HS08].

4 [CSZ+19].

5-Methylcytosine [NTL+22]. 5-Step [AHK+21]. 50 [YKG+21].

7th [GJH19].

9 [LFZ+19].

Ab-Initio [HZZY16, FXZS22]. ABC [GGM21]. Abdomen [QZZ+21].
accumulation [LCOMG14]. Accuracies [AM12, AM15]. Accuracy [BM13, KWL07, LNR09, MNW+04, TW10, Xu05].
Accurate [CMS12, CH11, CCE19, DDD+21, GGP08, KG20, LLL+21a, MTT+15, NSZK15, SSS+11, SHJL10, WS12, WCL11, XWC15, DTS+15b, SYV14, SLW15].
Accurately [LLCC21, YSGZ20, XG14].
aCGH [ZYW+13]. Acid [AHK+21, HLG10, JDHL20, Kar12a, NLG12, BDD18]. Acids [LYL+17, YH13]. ACM [AS15, Ano12b, Cat17, Gus04b, KS13, SPK19, Tit16].
ACM-BCB [AS15, Cat17]. Acquisition [ZLC+21]. across [EW04, LTwG+11, MHH15]. ACT [LS10].
AdaBoost [LGW21]. Adaptation [JSS+18, RHH16]. Adaptive [AKS13, DLM12, LDM18, MJPP20, NTCO07, PSIM17, PAAG07, SY09, SSS13a, SJS19, TC16, WYF21, XLZ+15, YWK+07, YCY+15, ZCG+18, XXM+16]. adaptively [YCW+15].

Address [CIZ+22]. Adhesin [GAR+09].

Adhesin-Like [LIZZ13, LLT+19, ZAC90]. Adhesion [QSI+20]. Adjacent [WM19a, YH13].

Adjacent [CIZ+22]. Adjacencies [WM19a, YH13].

Address [CIZ+22]. Adhesin [GAR+09].

Adhesin-Like [LIZZ13, LLT+19, ZAC90]. Adhesion [QSI+20]. Adjacent [WM19a, YH13].

Adjacent [CIZ+22]. Adjacencies [WM19a, YH13].
Alignments [BDD +10, HVG04, HPL +13, PT09].

Alignment-Free [MS21, QZZ21b, YH13, CV14]. Alignments [BDD +10, HVG04, HPL +13, PT09].

All-Mapper [CZB19]. Allele [BBS08, DLM12]. Allowing [AGMP09]. almost [WLY14]. along [AGMP09].


Alternatively [RLR18]. Always [BBCP07]. Alzheimer [JHZL19, LWT +18, SSK +20, WLA +13].

AMAS [TC16]. Ambiguities [ZS07].

Ambiguity [GZ11]. American [FMA +20].


Analyses [ATA +17, KPP19, SSD19, WYY +13].

Analysis [ACC +13, AAT20, APKP18, iAOS16, AKS20, BB11, BRS18, BGS +12, BCR +22, BRB21, BKS18, BSLR05, BCFCC13, CP13, CC21, CDBR21, CXW +13, CBM +20, Che10, CBK20, CWZ08, CZM +18, CMC +12, Dal16, DSH08, DADF +10, DKDD10, DLY +21, DSVMM18, DKY21, DPW12, FZWS17, FM12, FYW19, FVP +20, GPZ20, GGH +13, GCZ18, GF10, Gos11, GPC +20, GM16, HCN +19, Han10, HB05, HYC12, HST06, HLDZ17, HLL18b, HLGS21, HXX21, IL18, IYA12, JDC12, JL10, JFR +19, JCF13, JZL13, KPK +17, KMSY20, KB20, KNTB18, KSB12, KSK +18, LCTS08, LEAK11, LFK16, LTM +12, LL11, LKY +11, LLX +11, LW +21, LLK +22, cLWA07, LJJ +15, LH +16, LP +13, LXR +16, LH18, LW9b, LTL +07, MWZY17, MO04, MTN17, Man05, MPP +20, MT12b, MC07, MS21, MS +13a, MSG17, MDD11, MTF +13, MBB +17, NA06, NA11, NO09, NNM +12b, OG11, PLMV12, PIPC18, Pau18]. Analysis [POS +18, RdMCBC13, RAM17, Roc11, RWH +10, RPB18, SDA +06, SKS +19, SDCW11, SZL +20, SKD +07, TZH07, TRKRC13, TWZW16, UBP +19, UKV18, VMZM17, WAZ07, WMWA12, WYHD17, WHXS17, WML19, WPF +19, WZC +21, WP08, WHHK07, WWC18, XL +21, XHY +18, YCCY20, YLX04, YM20, YL +06, YB08, ZMST18, ZZ13, ZZN15, ZW16, ZZW19, ZWCh19, ZWH +21, ZC11, ZK16, ZZS07, ZWW17, ZY +13, ZGDH16, ZW19, dCAR11, GTDK15, GCMC14, KG15, LHN +14, LHY +16, LLCZ15, LP15, LHH +14, MEOL14, OF +14, RTW15, WZ14, WZC +15, YTL15, YCY +15, ZMP +14, ZWC15], analyt [BLC15].

Analytical [HL +13, KBB +17, SK21, LCOMG14].

Analytics [YHW +21, GFG16]. Analyze [LBF +10]. Analyzer [GPC +20]. Analyzing [ABS15, BCM22, BHMA06, CHW +18, GZKH21, GHL05, SCSS05, SC11, TV11, WDL +17, PSK +16], ANCA [CSE +21].

Ancestral [ACPR10, GZFT15, LCSW18, MRS09, NLHL17, SLH06b, WKE11, HZTT14].

Ancient [LCSW18, SW09]. Anesthesia
Angles [FSX19].

Annealing [BA18, TW10].

Annotated [KT07].

Annotation [AALD17, CC11, DGV+17, LJLK+12, LLYS21, ZZXZ20, ZCL21, CM15, DC15, KY22, SLW15].

Annotations [AMGC16, ABVD12, CYJ+19, CM16, CPMI18, DKDD10, GSK13, HXXJ18, IQUA18, LBM+18, LHZH18, LLZ+13, MCC16, WB17, YFWZ18, ZSZ+21, CXS15, YRD+14b].

Annual [Ano04a, Ano05a, Ano06b, Ano08a, Ano09b, Ano10b, Tit13, XTL12a].

Anomalous [DRS12, DR14].

ANOVA [EAS12].

Answer [WYL07].

Ant [LGZ+17, ORCJ13, XSL+21, GRDV14].

ANTENNA [WLCX18].

Anti [GM22, KMS+21, MWZY17, NSMIH19, PSIM17, RBB+19, WLCX18, ZZP+21a, dSPFF21, BW+14, WFD15].

Anti-Breast [RBB+19].

Anti-Cancer [NSMIH19, PSIM17, WLCX18, BW+14].

Anti-Coronavirus [KMS+21].

Anti-EGFR [MWZY17].

Anti-Inflammatory [ZZP+21a].

Anti-Inflammation [dSPFF21, WFD15].

Anti-microbial [GM22].

Antibiotic [MWD11].

Antibiotic-Resistant [MWD11].

Antibody [ZWL11].

Antibody-Speciﬁed [ZWL11].

Antiepileptic [RBB+19].

Antifreeze [KNTB18].

Antigenic [QQQ+21].

Antilope [AKR12].

Antimicrobial [FWY19, JKN+12, VKS17].

Any [LPH18].

AP [TDZ+19].

Apex [TRKRC13].

Apocrine [SMPS20].

APP [WZC+15].

Applicability [ARS17, HB05, KK12].

APPLICATION [AP20, ACP22, BRF17, BD19, BRB21, BSST08, BHP19, CW11, Che12, CLZ+18, Che10, CZJ17, CCN22, DCM20, DZMB22, DLY+21, ED15, FKLS07, GF10, GBB+11, HSS18, JGW+21, KCD+12, KHO+20, KM20, LFS06, LLZC12, LX21, LLW10, LLK+21, MMBC22, NFM+12, OHK+21, PAL+12, PSN+15, RGB13, RB16, Roc11, SDOD+12, STD20, SPMB13, UKV18, VBG+18, WM19a, WFY+19, WLA+13, WWL+17, XPH12, XLZ+15, YLXS17, YGY+19, ZZM17, dCAR11, dSPFF21, Mir14, WDX+15, ZMP+14].

Applications [Ano08c, BMT17, BPRZ11, CLS22, CPRZ11, CZ12, DLRW18, DS21, GCJ+21, HMZ17, HLHY11, LSH+11, MPZ08, MPSZ09, MWZ13, MSZ19b, MMG+22, MHKR12, OMWX09, Poli13, QK018, QQ09, SZZ+19, Sen19, SHJ110, TS18, WNT+17, WLN17, ZYW+21, ZS19, BCLC15, CEG14, GPSF15, SVM14, TDD14, MPZ07].

Applied [GRD+21, GRH08, IGM+07, VMZM17].

Applying [ADTAQ16, ATA+17, PIPC18].

Appreciation [Gus07a, Gus07b, Xu14b].

Approach [AAP06, AJD+12, AKS13, AM22, AC12, AHT+18, AKR12, ACSR21, AN21, ASI+11, BSS+22, BA18, BRB21, BSR+21, BHHMCL16, BCVS19, BCL3b, CCA12, CSW11, CW09a, CGW+16, CKYW12, CWZ08, CAN+08, CHK17, DBN18, FJJ11, FYZ+19, GAH22, GAH+21, Gon13, GGM21, GET13, GDM12, GG11, HZW+17, HM13, HLHAJ20, HVGO4, HMK+07, IGA18, ISK18, JMA17, JLK+21, JZW17, KCD+12, KHO+20, KB20, KCP18, KSS15, LQV+13, LRR08, LTM+13, LH10, LFZ+19, LPH+21, LZX+21, LMZL17, LMB5, LHC18, LWWY+21, MR12, MPF12, MKG20, MJPV19, MBD19, ME19a, MM+13, MNND13, MVS+13, MPY18, MGK17, MSG17, MWLS18, NCS17, NNLT22, NO09, OC13, PB19, PSPM20, PVB+12, PR12, RKDR11, RV06, SP11, SVZ09, SSS+11, SWW15, SKS+19, SLX+18, SH11b, SYKM17, SW09, SLL+19, TWW+20, TZ16, TDD+19, TBL10, TBR11, TTWR13].

Approach [TC13, VRK12, VMZM17, WYY+13, WLL+09, WSX11, WWL+17, XSL+21, XLP+21, YHZ+19, YLL+06, ZW216, ZwGC17, ZWHC19, ZHG20, ZS18, ZAZ11,
ZZH18b, BHW+14, CZWT15, CA14, GZGX14, GJPSV14, KD15, LLCC15, LSGZ14, MG14, MM14a, MM14b, PSK+15, SADA+14, SLW15, SEC15, TYL+16.

Approaches
[Ano05b, BM08, BH06, GCI+21, GM16, HEE+18, AKD17, LP21, MCDD12, NTL+22, RZF07, SWSA21, YBO8, ZSZ+22].

Approaching [QSJ+20]. Approximate [ACPR10, HC14a, RFB20, ADTAQ16].

Approximated [PPFG20]. Approximating [BPV+11].

Approximation
[BS08, CP13, CC09, CW09b, CHNW20, CWZL08, EH06, FL18, HZL19, HBC+11, Jia10, LJJZ13, Mnc09, NPBD16, ZSY+14].

Approximations [RbdJ11]. APT
[KKP+12]. Aptomers [LH20]. Arabidopsis [MCRC10, MVW18, ASIP21, ZC14].

Arbitrary [BG13, Jia10].

Arbitrary-Shaped [BG13]. Architectural [STD20]. Architecture [MSS19a, SYL19, WCXL18, ZZH19, ZBBH20, ZG19].

Architectures [KP12]. Areas [TGK13].


Arrhythmia [ARM+19, ZCW19]. Art [SW17]. Article [LS10]. Articles [DLT10, HLV+10, HCQ14]. Artificial [LYW20, PLC+20, SSS20a, WWF+21].

ARTMAP [AFAA+11, XAW07].


Assembled [LHLK17]. Assembler [GK19].

Assemblies [GAJ+18]. Assembling [RG16]. Assembly [CLVT+20, CMC+12, FS13b, GRS+13, GCY+21, HG16, LLH+17, LLL+20, LLL+21b, PS11, PGF18, RLR20, TGP+15, WL22, XSS17, ZFZ+20, ZFZL22, ZKP+07, PV16].

Assessing [ARK20, PT09, SMSZ17]. Assessment [AM12, CLVT+20, DBK18, GAJ+18, JDHL20, KWL07, XLX+21, XLP+21, AIS+16, AM15, MG14, XLC+15].

Assignment [AAG+18, CCA12, CZF+05, LW13a, WL07, ZKP+07]. Assignments [MSG18]. Assisted [JQGY21, PCDP18].

Associate [Ano04b, Gus04a, Gus06a, Gus07a, Gus07b, Sag09b, Wil04a].

Associated [BSS+22, BIBD21, CLST+13, DZH16, GWW+22, GTTR+17, GZYL22, KSN+12, KCP18, LHHL19, LDL+17, PSIM17, QLZ16, SAE+20, XYZ20, XYW16, ZHZ+20, GJK15].

Associating [NAHT+20]. Association [AMGC16, BDD18, CLH+15, FMA+20, KB20, LRR08, LTP22, LZW20, LZX+21, LLZC12, LNW20, NJMF19, PNP+18, PAAG07, QKO18, RGI13, STHA15, ZCWW19].

Attachment [AHC+21]. Attention-Based [AHC+21]. Attacker [AKMT12, GAH22, MPQY19].
Based [SSF18, TGLP16, TAAP11, TS18, TZ16, TDY+18, TGGF10, TZY11, TBRS13, TTWR13, TW10, VRJ+10, WZA07, WILP12, WCMZ15, WLG+16, WWLL16, WG+17, WZZ+18, WCQ+19, WSJ21, WYF21, WHW21, WZC+21, WDL+22, WXS+19, WYL07, WMS09, WDS+12, WLZ+13a, WKG16, WWC18, WW19, XLW20, XCR21, XWC15, XZG+18, XLP+21, YSC13, YWN+19, YDW+20, YDW+21, YZD+22, YM+11, XYYC13, YM30, YLL+06, YLY+12, YP13, YH13, YSW+17, YG19, YRL+20, YLZ+21, YZG+17, YLBX21, YXY+21, ZDL+19, ZWSX12, ZDL12, ZWZ16, ZwgC17, ZD17, ZXLZ18a, ZXZ18b, ZCG+18, ZXL19, ZZF+19, ZKW19, ZSZ+21, ZLG+21, ZZZ+21, ZWH21, ZG19, ZZN+11a, ZZN+11b, ZYW+21, ZS18, ZLL21, ZW21, ZWY+10, ZDD18, AMB+14, AA+18, BM14, CWLZ+14, DSI4, DPL+14, DWZ+15, DKS+15, FHRG14, GZGX14, GRVD14, GJPVS14, GH15, GAVRR15, HVD18, HRF16, HPH+15, HLW15, Jami15, KCC+15, KHH+14, LHH+14, LLIW+15, LGGZ14, LLZ+20a, LZX+15].

Based-Approach [MPF12]. Baselines [HLY+22]. Bases [PCG05]. basic [BF14].

Bayesian [AV17, AAE11, BDB15, BEQ19, CSK+11, CMMZ20, CGP06, Da16, ED14, GGM21, GZC+17, IBN19, KQD21, KM20, LCZ16, cLWA07, LW13a, LWZ+21c, LLLK+21, PAL+12, PWT10, RTWR15, SGK12, TIA+11, TTWR13, WWF+21, XZY+14, ZPW+19, ZKL18, pD20]. BCB [AS15, Cat17, KS13]. BCIs [GCJ+21]. Be [AHT+18, Wil11]. Bead [CSZT19].


BETA-Binders [CPQ08]. beta-structural [DRC15].

Better [iAOST16, BCVS19, CHN20, NZR11]. Bi-Convex [MK18, UKV18, YDW20, YFWZ+18, DDZ+21]. Bi-convex [WB17]. Bi-Level [LLB20, UKV18].

Bi-LSTM-CRF [DDZ+21]. Bi-Objective [BA18, UKV18]. Bi-Random [YDW20, YFWZ18]. Bias [RKDR18, RKDR11].

Biased [MSS13b, CWZ21]. BiBM [LW15, TH18, YS17]. Biclques [LLW10, MBB+13, LLL16a].

BiClusO [KHO+20]. bicluster [GM14]. Biclustering [CWZ08, FSNF21, HM15, KHO+20, MO04, MTSCO10, MSB19, MMB+13, MB16, TBKH05, AMB14].

Biclustering-Based [FSNF21]. biclusters [HC14b].

Biclusters [HTLL12, YNBM05].

Bidirectional [CC07, KHI+21, PSA21, TR07].

Bifurcating [CBM+20]. Big [WYW16, YHW+21, JZC+15, LHS+16, WLC+15].

Bijective [GE18]. Bilinear [HLM+13].

Billera [WYH17]. Binarization [HMC+12]. Binary [BG12, CCCY20, HYW+17, KB17, KB19].
PK13, WLA+13, YNB05, YOKI09.

Binders [CPQ08]. Binding
[AM12, BCD+21, CHZ+16, EMDH11, GLW12, HZTP12, HLZ+17, I1D13, JGP21, LN21, LSTW+17, LPH18, LFF18, MGL+12, MGSX15, MWZY17, PLF12, PIPC18, RIA+16, SDH20a, SDH20b, S4ZH22, SLRQ19, WP08, WLL13, WPL15, WLWP16, WZ13a, ZCG+18, ZZH19, ZZBH20, ZCL21, ZYH+21, ZWHH21, ZSH21, ZLX+20, ZZDY13, AM15, DKS+15, LHWL15, PSK+15, STT+14, WSTL+15].


Biogeography [GGJ+06]. Bioimage [LZQ+20, NBGL19]. Bioimage-Based [LZQ+20]. Bioinformatic [HVD18].

Biological [AAF+13, ASP20, ATAT+17, ACCT20, AFJ12, AFAAW+11, ABVD12, BDS12, BvBF+11, BMZM15, BWRF12, CMR19, CMS12, CNM11, DFTC12, DBN18, DKY21, ED15, FPPR11, GLS+16, GPMH16, GLG10, GLH05, GM16, HB05, HYZ16, JRN+18, K1L1c, Kuk13, LB3+18, LMB+18, LLH+07, LN13, LWZ12, LLZ+20a, LN20, MO04, MJZP20, MBGP12, MNND13, MSLX+19, MVS+13, MB16, NM22, NAHT+20, NN+12a, NN1M+12b, PJF+19, Pau18, PR18, PLCW17, PZWC20, PCK19, PPZ12, RYK+19, RA16, SFB+08, SDOS+12, SDN+11, SZJ19, SZL+20, STS21, TV11, TDK13a, TDK13b, VBB18, WLWN17, WDL+17, WHW21, Wig15, ZLF+21a, ZWZ16, ZKW19, ZGZ+20, ZSCL+10, ED14, GDTK15, Gu16, HM15, HPH+15, HKLN14, Jam15, MZL15, WZC+15, ZSY+14]. Biologically [BB11, KP12, SK+12, TNQ08].

Biology [ALWG18, Ano05b, Ano09c, Ano12b, BLP18, BU17, Cas06, Cas07, CSW11, CN12, FS12, FS13a, FJJ18, GCZ18, GTTR+17, GAH+21, GJH19, Guss04b, GZ22, HKK07, HS18, Jam13, JFN11, MVVR19, MVVR20, Maz12, MCD+11, RZF07, SPK19, SYL19, SGG12, TS18, Tit16, TC13, WYWX16, WH11, WCXL18, Zha16, ZS19, KG+15, TWZ+14, MVVR21b, MVVR21a].

Biomarker [ALQ17, CBM+20, HLL+22, KGF+14, LLT10, MSB19, MLZ18, PSIM17, PS19, TP18, WDS+12, pD20, OFC+14].

Biomarkers [DHCW18, SQZ14A].

Biomechanical [JGRB15]. Biomedical [BMHS13, DDZ+21, HLL+18a, HW07, HDS+18, JHL16, ZZ+21, KLCH22, LHLY11, LLQ+16, LLQ20, LJ20, LTwG+11, LNC+05, LQY+20, MMG+22, MCC16, NAHT+20, OLZ11, Ozy12, QK018, RGB+21, WCMZ15, WB17, WGX+17, XLL+18, XL19, YRL+20, ADTAQ16, GFG16, JZC15, MKARB16, Vog15].

biomedicine [YN14]. Biomolecular [Bi09, Gon13, GBB+11, HW07, LBL+10, RMV12, RJNN18, YB08, YCY+13].

Biomolecule [SMB12]. Biopathways [PAL+12]. Biophysical [MVS+13, SCM19].
KCP19, KDS+20, KSN+12, KCP18, KKK19, LDM18, LWZ21a, LLK21, LGYW21, LHC18, MWZY17, Mah10, MPF12, MSB19, MSS+13a, MBP+19, NSM19, OHK+21, OG11, PSS09, PSM17, PrRV+20, Pr09, PB19, PS19, PM20, PZH20, PWY+21, RBB+19, RHAK13, RYK+19, SSS+11, SAE+20, SMRP15, SSV+19, SPS20, SJS19, ST05, SAK+21, SPW20, SLZ11, SDTK19, SWL19, UBP+19, UKV18, VDS+20, WC07, WLCX18, WQY18, WLHY19, WDL+22, WDS+12, WGK16, WW19, XHQ+18, XLL+20, XAW07, XPH20, YLCC13, YZP+21, YCCY20, YLY+12, YCCM12, YGY+19, YOKI09, ZHS07, ZLH+17, ZZ18, ZLXL19, ZW19, ZY20, ZS19, BHW+14, JR14, KBP14, LLCZ15, LWM14, MFS+15, Mir14, SRLR14, TWZ+14, XLWL15, YCY+15.  
Cancer-Associated [KCP18].  
Cancer-Related [PZH20, RYK+19].  
Cancers [LGW20, LWT20, ZMP+14].  
Candidate [HYR+19, ZZR19].  
Canonical [DLY+21].  
Capabilities [BLP+12, MM14a].  
Capsid [KZS17].  
Capture [PZH20, SDH20a, ZYH+19].  
Capture [LW18].  
Capturing [DI15].  
Carbon [RBdJ11, MSZ+16].  
Carcinoma [AAT20, BSS+22, CSSS16, DCHW17, YSW+17].  
Cardiac [LKY+11, MFB+13]. 
Cardiomyocytes [WBP+12].  
Cardiovascular [AHC+21].  
Cards [PCGS05].  
Cargo [WCL20].  
Carlo [ADTAQ16, AKY16, BPM21, BI09, GJY+14].  
CAS [CYJ+19].  
Cascade [HGC+20, KHI+21].  
Cascaded [CC07].  
Case [CSSS16, GSC17, IYAI2, OMA+G12, SCCD109, ZW17, ZMT14].  
cases [KO15].  
Categorical [CHW21].  
Categories [RV13, TA18].  
Categorization [BMHS13, LS10].  
Caterpillar [DR16, Ros13].  
Caterpillar-Like [DR16, Ros13].  
caudatum [IAOSS16].  
Causal [BD19, JBG15, LHL+19a, LLL15, LHC18, YM20, YNN+18].  
Causality [ARK20, HLL18b].  
Caused [ZLL+20].  
Cavbase [KFHK14].  
CAVER [PSK+16].  
CaverDock [FVP+20].  
Cavities [SCM19].  
CCA [GLW12].  
CCFS [CW07].  
CHH [LL19].  
cDNA [BDP11, BZ10, GK08, HC16, NU06, RGCB05, RV06, SBW15, SYZ+13, TZY11].  
CDPath [YYG+21].  
CDS [SSS13a].  
CEDER [WS12].  
Celiac [LWW+21].  
Cell [BMH+16, BRF17, BU17, BM20, BCFC13, CSSS16, CLZ+18, CAW+19, CBM+20, CJH+21, DCHW17, DABV17, FSNF21, FKLS07, GGH+13, GRD+21, GTBW16, HCA+10, HGC+20, JKE21, JGBR15, KBN19, KMB21, KHI+21, LWZ21a, LCC21, LWT21b, LHQ+18, LP21, NVL22, NFZ+12, PN17, SYL19, SCM19, TRKRC13, WCL20, WWC18, XHY+18, XSL+21, XLP+21, YOG11, YBB10, ZM17, ZZ20, ZCL22, ZWL11, ZW17, GTBL14, MFS+15, ZW14, ZHL+14].  
Cell-Based [SCM19].  
Cell-Centered [SYL19].  
Cell-Cycle [BRF17].  
Cell-Free [CLZ+18].  
Cell-Penetrating [WCL20].  
Cells [CHZ+21, DADF+10, GDZ+21, Gou06, HKT+18, LLOW21, PPF20, SDA+06, TAI+19, BR15, LCOM15].  
CellTracker [HKT+18].  
Cellular [AVD+12, GPC+20, HBRU13, HLO19, KHP12, LZL+19].  
Censored [CKWY12].  
Census [DSZ+06].  
Center [BQ12, ZLXL19].  
Centered [SYL19].  
Centers [KZ16].  
Centrality [LLNW17, YM20, TWZP14].  
Cervical [DZH16, JLK+21, PM20].  
CFS [HLS18].  
CGH [CW09a, PS15].  
CGIDLA [XYY20].  
Chain [AKS20, CSZT19, GJY+14, KCZ+15, LTAS13, LBL12b, MPY18, SMB12, Vis18, WZ13b, YXX15, ZPP+21a, GLBZ14, LTAS13].  
Chain-RNA [LTA13].  
Chain-Shaped [AKS20].  
Chains [LN21].  
Challenge [gCLL+10, CLM10, LS10].  
Change [CW09a, LHWL15, SKK14].  
Changes [ATA+17, CCB+21, KKI20, RB16].  
Channel [BMH+16, BMT17, GBS11,
Channels [KL11c].
Chaos [CYTY13, MEOL14].
Characteristic [WLG+16, WLA+13].
Characteristics [KSN+12, WWL19, ZLS+19].
Characterization [BM12, DRS12, HEF17, LSB+11, RSP08].
Characterize [NNH+17]. Characterizing [OZWA21, TDK13a, LKLB14].
Characters [BFK17]. checker [EES14]. Checking [BBK+12, BCFCC13, RdMCBC13].
Chemical [AFMS19, CKRS21, HLM+13, KY19, LR20, MS11, NSNA19, SCCDK09, YSC13, ZYN+19].
Chemical-Chemical [YMT].
Chemical-Disease [ZYN].
Cheminformatic [RBBlVMPG16].
Cheminformatics [SHJL10].
Chemotaxis [iAOS16].
CHEST [WSJ21].
Chief [Alu21, Ano08c, Ano12b, Xu13, Xu14a, Xu15, Zha17].
Child [CRV09, FS18].
Chimeric [ZLC+21].
ChimST [ZLC+21].
China [FFJ18, GJH19, ZLXL19].
Chinese [ZBY+21].
Chip [LHH13, LH12, ZWZH21, ZGDH16].
ChIP-Chip [LHH13]. ChIP-Seq [ZGHD16, ZWZH21]. chiraity [MZS+16].
Chordal [GG11].
Chou [AHK+21, NLG12].
Chromatin [CSZT19, CSZ+19, KSM19, LW18, MP19, SZG221].
Chromosomal [KSM19].
Chromosome [HLY+22, LW18].
Chromosome-Wide [LW18].
Chromosomes [BWS05, FM13].
ChromStruct [CSZ+19].
Chronic [HEE+18, OW20, ZHD+21].
CIPHER [ZCL22].
CIPHER-SC [ZCL22].
Circuit [JZS+18, Kar12b, WHW21, ZLL+20, CL14].
Circuits [BBN18, CL15, ZHL12].
Circular [BRF17, CZJ17, DS12, GB17, HCMB18, MPKvH09, PB12b].
cis [AJY+15, GGZ14, YMT+14].
cis-regulatory [GGZ14].
cis-trans [YMT+14].
CISA [WL07].
Class [DPS+13, HYW+17, LX21, LXX+16, Mat07, MCHT17, PI09, SYZ+13, SYKM17, SSF18, YLC20, YLY+12, ZOZ10].
Class-Imbalance [SYKM17].
Class-Information-Based [LXG+16].
ClassAMP [JKN+12].
Classes [BWC17, DK5+15].
Classical [VMZ17].
Classification [AV12, ACWW05, ACWW07, BWC17, BLP+12, BWS05, BEQD19, BHHMCL16, Bon07, CCBR+21, CLZ+18, CWJC12, CJH+21, CHL21, CDKT09, CSS11, Da16, DZA+06, DPA+17, ED15, FMA+20, FLHS20, FWA10, GHZ+22, GRD+21, GMSD11, GAR+09, HF12, HLL+22, ISK18, JY21, JKN+12, KBNHD18, KBND19, KAHK+10, KK12, Kuk13, LYK07, LH10, LN13, LXL+21, LLL+20, LHZ+19, LZX20, LWT+18, LGYW21, MNR09, NBGL19, OLZ11, OGI11, Ozy12, PSA21, PTH+18, PYL+21, PWY+21, dsRct+11, SSS+11, SV19, ST05, SAK+21, SHJ210, SGP+20, SC22a, SSF18, WCX07, WZJH12, WL22, WDS+12, WLA+13, WW19, XHQ+18, XNYC21, XZC07, XAW07, XPH20, YLXJ04, YRD+13, YKG+21, YLWS21, ZLZ06, ZHSS07, ZwGC17, ZYW17, ZZP+21b, ZZN+11a, ZCW19, ZBFK10, wTCAK+20, ED14, GRDV14, LZX+21, MBS15, RHK14, YRD+14a].
Classifier [AV17, BDP11, GZR+18, GZN21, HHH21, HC16, IYA12, MGSP22, PI09, SPF+17, SBFM15, WGX+17, ZZP+21a, ZZP+21b, ZWZH21].
Classifiers [DPS+13, FFT16, LW13a, NLGG12, QBPE12, WB17, YOK10].
Classifying [AV17, BDP11, GZR+18, GZN21, HHH21, HC16, IYA12, MGSP22, PI09, SPF+17, SBFM15, WGX+17, ZZP+21a, ZZP+21b, ZWZH21].
Classification [AC12, CSSS16, CR14, FZM20, LRM08, SLX+18, YN14].
Clearance [SZC19].
Cleavage [HHL+20].
Climbing [RV06].
Clinical [BKP+19, BDP11, CKWV12, HXX18, HYC12, HLY+22, LH19, LTRW19, MLZ18, MBP+19, MCHT17, PPRV+20, RTPM+19, ZY20].
cliques [ZZ15].
Clock [BZ07, CL15].
Clone [Kur13].
Closed [PPM+13, PLC+20].
Closed-Loop [PPM+13, PLC+20].
Closely
[MYCW12]. Closest [CMR19, CW11].
Cloud [LFF18, SNK+22, VPB15, WLC+15].
Cloud-Based [SNK+22]. Clouds
[FGKH11, Qin14]. CLSTM [KHI+21].
Clust [PCDP18]. Cluster
[GAH+21, HCN+19, LFK16, LCLL10, LHY+11, MA12, NPD+17, PCDP18, SKD+07, YCY+13, WZC+15].
Cluster-Assisted [PCDP18]. Clustered
[SVE21]. Clustering
[ASP20, ACWW05, ACWW07, BBH12, CMS12, CHWY19, CLS19, DGH*06, DS21, DWSB11, GAH+21, GLW12, GLG10, HC18, JCF13, JMA17, JGW+21, KNS+05, KK12, KZ10, LHTT11, LSTW+17, LBL12a, LLHF15, LHL20, LCW+18, LWG+18, LN20, LT07, MSQ18, MHHJ20, MP13, MW20, MA12, NSZK15, NPD+17, OMWX09, OBT21, RLR20, RW+10, SVZ09, SY09, SKD+07, SMK+12, SGK12, TK05, UVK18, VKM07, VMC22, RF09, WNT+17, WZA07, WLC07, WL14, XHO+18, XLP+21, YLG+21, YZF+21, YLY+12, YP13, YCY+13, ZHIJ17, ZYW17, CFIS+15, FN14, IM14, LLC+15, LAI+14, MG14, MIR14, RB14, SHK14, SDAA+14, WL14, YCY+14, YC+15, YLY+12].
Clustering-Based
[CLS19, YLY+12, MG14, SDAA+14].
Closings [Mah10, WZT+22]. Clusters
[BG13, DS1M20, GDM18, KSv12, LW18, Rd1CGW09, RYK+19, SW09, ZACS09, HKL14, WDX+15]. ClusterViz
[WZC+15]. CMSB [BLP18]. CMLStalker
[LMPT15]. CNAPE [MW21]. CNN
[HXX21, KHI+21, LNT21, ZLI21].
CNN-RNN [ZL21]. CNNs
[HGC+20, LLW+22, CNV_JFTV
[YYX+21]. CNVs [YYX+21]. Co
[BMR21, CHWY19, DZH16, GZFT15, GDM18, LPH+21, MB20, MWL18, TM11, WOYL17, XLL+20, XZG+18, ZWDR20].
Co-Clustering [CHWY19]. Co-Complex
[WOYL17]. Co-evolution [TM11].
Co-Evolutionary [GZFT15, XZG+18].
Co-Expression [DZH16, GDM18, LPH+21, MB20, MWL18, XLL+20].
Co-Methylation [MB20]. Co-Morbid
[BM12]. Co-Occurrence [ZWDR20].
Coalescence [DK+21, GPE17, TR+13, Zha11, GE14, GE15].
Coalescent [PCDP18].
Coalescent-Based [PCDP18].
Coarse-Grain [KHI+12].
Coarse-Grained [ZM+14].
Codon [HEK12, MNR09, SGC07].
Coexpression [TW05, TZY11, KSM14].
Cognitive [YLWS21, ZYW17, ZWS+18].
Collected [ZYF+18].
Collecting [HC17, NLW+18].
Collective [BRB21, RSJK13, WLY15].
Combat [ZD17].
Colored [AV17, BRS18, DPS18, VDT+20].
Combination [CL15]. combinations
[DWZ+15].
[BM08, HS08, JL10, LRR08, LMPT15, LHZ+19, PAAG07, VGBK19, YHY13].

Combinatorics [HCMB18]. Combined [AHT+18, LSY+20, MGXS15, PNP+18, SZLL11, WL07, WWLL16, ZWHH21].

Combining [ARP+16, CWZ08, DCHW17, GKPS11, HLZ+17, HLL+22, KS18, KMG+05, LWT+18, LL19, LGYW21, SFMS18, TOYHZ19, VF09, VTGC16, WS12, WYHZ20, YSGZ20, ZLZ+19, ZYN+19, ZLX+20, BDBH15].

Comembership [HRdR09]. Comment [FLW12]. Common [BVD+07, DST07, KL19, LJZZ13, MQOH21, MIC+07, PS11, ST19, Wan12, NYOL15].

Communication [GBS11]. communications [PV16]. communications-inspired [PV16].


Complementarity [ADPH11, ADPH13, DM09, PBhL+11].

Complementary [TNQ08]. Completion [BKKG19, BMR21, CHW21, GWW+22, LHCL20, LWL+22, YDW+21]. Complex [BWRF12, DMJ+18, GLS+16, GBB+11, HK0, HC18, HC19, HC13, HRdR09, LNW17, MTNH17, MVS+13, PG06, SVdSS+18, SJZ19, TGD+16, TP18, WLHY19, WOYL17, WW19, XL16, ZLY+13, DWZ+15, TYL+16]. Complexes [FJJ11, HK1, HZL+20, HYL+19, KSK+18, LLH+07, LMZ+20, OYDZ15, YSGZ20, YB08, ZDL12, CWZW15, PWZW15, XG14, ZZ15, ZWL+14b]. Complexity

[BN06, BCF+07, BS10b, BLS12, CEFSO6, Hkm+18, KB17, LLW10, PH10b, Pol12, RZMC17, TZP17]. Complicated [HWPE17]. Component [BKLS18, BSLR05, CWX+13, DSHM08, Gos11, GPC+20, Han10, HLGS21, JDC12, LWW+21, LGX+16, SDCW11, dCAR11, LLH+14]. Component-Based [Gos11]. Components [Wan16]. Composable [CKRS21].

Composite [LMPT15, MSS19a]. Compound [BWRF12, CZW+18, QLZZ22]. Compound-Protein [CZW+18]. Comprehensive [WA10].


Computation [CKRS21, CHNW20, KK19, SSK+20, TWG+12, Wu10, GFG16]. Computational

[AJD+12, ARN11, ATA+17, ALWG18, An05b, An09c, An12b, BLPI18, BBSP08, BRZ+17, BSR+21, BCF+07, BMZM15, Cas06, Cas07, TN12, DBN18, FS12, FS13a, GCZ18, GLL+18, GRD+21, GAH+21, GCJ+21, Gs04b, Hkk07, HSS18, Jamm13, JH12, KZW+18, LHH13, LHL+19b, LHY+11, LWL+19, MTNH17, MVVR19, MVVR20, MVVR21b, MVVR21a, MBP+18,
Context-Awareness [ZWL11].
[BNV⁺13, HYY11, RCM⁺19]. COVID

Cox [HLS21, RKZ16]. CpG [SKD⁺07, XYY20].


Critical [CLVT⁺20, GZG17]. Critical [MMH15]. Cross [AMGC16, HKS11, JGW⁺21, LPH⁺13, PBlL⁺11, SLRQ19, WGGK6, XNYC21, ZWG⁺21, PS15].


Cross-Entropy [AMGC16]. Cross-Entropy [AMGC16].


Cryptographic [JHW⁺19]. Cryptographically [BKLS18].


CSS [AKS13]. CT [JGW⁺21, QZZ⁺21a, cuBLASTP [ZWC17]. Cuckoo [AKS13]. CUDA

[BBH12, CMM11, LSMW11, ZWLZ21, ZLS⁺15]. CUDA-ENABLP [LSMM11].

CUDA-Enabled [LSMM11, ZLS⁺15]. cumulative [TYA15]. Curatable [HK15].

Curated [GTTR⁺17]. CURatio [KMSY20].

Curation [HLL019]. Current [MSS⁺13a, SW17]. Curvature [MBF⁺13].

Curves [IGA18, KGK14]. Cut [BFM13, NSNA19, SR06]. Cutting [NSZK15]. cyber [KSA16]. cyberphysical


Cytogenetic [LYK07]. Cytometry [PN17, Qiu14]. cytosome

[NCM15, WZC⁺15]. cytosolic [LCOM14].

D [CHC⁺21, ACSR21, ABS17, APPG18, ARP⁺16, BLM15, BWRF12, CWT⁺19, CBF⁺18, GHZ⁺22, GPF⁺20, GH15, HS15, KI19, KSM19, KHI⁺21, KD15, LQV⁺13, LN21, LHQ⁺18, LBQ⁺13, MCR17, NPK⁺07, RGI6, RWH⁺10, Str11, SFF18, VMD⁺08, YLH⁺15, YZC⁺18, ZHD⁺21].

D-Map [ABS17]. D-pattern [KD15].


Data [AGAS18, AAH⁺18, AFAAW⁺11, ABVD12, AN21, ASI⁺11, ACWW05, AWWW07, BKP⁺19, BDD18, BMK11, BTTR11, BDP11, BZ10, BHMA06, BLP⁺12, BMHS13, BKLS18, BHMMCL16, Bon07, BMZM15, BLR08, CMR19, CUCY20, CMS12, CSSS16, CSZ⁺19, CKM⁺17, CW09a, CHL⁺12, CHWY19, CMMZ20, CBM⁺20, CWJC21, Che10, CKWY12, CCE19, CW08, CCE⁺22, CZM⁺18, DNR15, DCHW17, DCHW18, DG19, DMJ⁺18, DWSB11, EAS12, EAS13, FSNF21, FHH⁺11, FJJ11, GZG17, GKP11, GXSZ17, GMSD11, GZR⁺18, GZHZ17, GZXX19, GBJ08, GLG10, GM16, HYW⁺17, HB12, HY11, HZV⁺17, HYL⁺20, HY12, HAH13, HMW⁺12, How13, HLY⁺16, HCS16, HW07, HLL18b, HDS⁺18, HHCY20, HT12, HLL21, IGA18, IMA13, JCF13, JXN⁺16, JXH17, JF11, KCD⁺12, KBND19, QK12, KHO⁺20, KB20, KNS⁺05, KKP⁺21, KMG⁺05, KBSCZ12, KZ10, LTM⁺13, LH13, LB⁺18, LH10, LLL⁺11, LN13, LLHF15, LW18, LWK⁺19].

Data [LZC21, LLL⁺15, LLZ⁺20a, LDGY21, LXX⁺16, LHZI17, LW19b, LYY⁺19, LLZ⁺20b, LW20, LL15, LC10, LLA19, LGYW21, LTRW19, LBL⁺10, LTX21, LP21,
MSZ19a, MHHJ20, MO04, MTSCO10, MP13, MP19, MMBC22, MJPP20, MWZ+20, ML18, MPM11, NJMF19, NNSZ07, NVL22, NSAH19, NNM+19, OLZ11, OMWX09, OLS+13, OC13, PLC+20, PSS09, PIPC18, PAS+11, PI09, PR18, PL17, PZH20, FYL+21, PH10b, JNP+18, PAAG07, PN17, QV17, QKQ18, QBPEL12, RGB+21, RLR20, RCP+18, RTPM+19, RKZ16, RM18, RBDIVMPG16, RGC805, RWH+10, SSD19, SMK22, SDN+11, Sen19, SBW15, SC11, SY09, SIM12, ST05, SDCW11, STB+20, SWSA21, SMK+12, SK12, SC22a, SWX+19, SKG12, SWL19, TWW+20, TZH07, TZ16, TGGF10, TDZ+19, TZY11, TBR13, TTWR13, TK05, TC13, TZW16, TOYHZ19, TBKH05, UC10, UKV18, VMCC2, VB+18, WA07, WGP11, WYW16, WLWN17, WYF+19, WHF+20, WSJ21.

Data

[WMIW+21, WP08, WAG19, WIL09, WMS09, WDS+12, WGK16, XHO+18, XLL+20, XSS17, XZC07, XAW07, XOYHZ18, YSC13, YHW+21, YM11, YWW20, YZP+21, YLXJ04, YC08, YNWC07, YNBM05, YLL+06, YHB12, YP13, YCY+13, YWW+18, YGY+19, YLWS21, YLXB21, YXY+21, YNN+18, ZZKW18, ZAN20, ZLW+11, ZWSX12, ZDL12, ZXLZ18a, ZXLZ18b, ZZZW19, ZWHC19, ZZ20, ZXZ20, ZLC+21, ZFZ+21, ZCL22, ZC11, Zha16, ZKL18, ZY20, ZHG20, ZWD+17, ZYW+13, ZYF+18, ZGDH16, ZGB+12, dCAR11, BM14, CWZW15, CZWT15, FN14, GGF16, GMCB14, IM14, JZCZ15, JR14, KSM14, KG+14, LLC15, LXZ+15, LHS16, MM14b, OFC+14, PS15, Qui14, SHK14, Vog15, WLC+15, XZY+14, YN14, YCY+15].

Data-Dependent

[XZC07, ZLC+21, Data-Driven [CEE19, HLY+16, PLC+20, RGB+21, ZHC20]. Data-Enabled [YHW+21].

Data-Fusion [KZ10].

Database [ANR11, GKS11, LYK07, SDN+11, WNT+17, WQL+16, XPH12, dAc17, OSA+21].

Databases

[An13b, An13c, HW07, Jam17, LT+11, ZSC+10, An13d, XHS15].

Dataset

[HLY+22, L17].

Datasets

[CKM+17, FFT16, MB16, WDL+17, ZZH18a, ZWHH21, BCL15].

Day

[MSH+11].

Day-to-Day [MSH+11].

DB

[WQL+16].

DCNN [WSJ21].

DDE

[ZSY+14].

De-Noising [YFCM17].

Deal

[GAH+21].

Deciphering [BSS+22].

Decision

[Sim09, TNQ08, YNB05].

declarative [LV14].

Decoding

[LLK+22, LDGY21, PV16, UJ09].

Decomposition

[FWXZ19, LLQ+16, RGC805, SK19, SPP21, XL16, XLW20, YWK+07, ZNZ+11b, ZGDH16, LHY+16, SB16].

decompositions

[GMCB14].

Decoupling [LLL16b].

Decoy

[MSS13b].

Decoys [BLB12a].

Decrease

[TC13].

Deep

[AHC+21, BMCY22, C20, CHL21, CGW+16, CCC+22, DN22, DSCM20, FSX19, FYZ+19, FZM20, FXZS22, FMA+20, FPC20, GPE17, GZ22, HLX+21, JKL+21, JHZL19, KMB21, LFZ+19, LHC20, LWZ+21a, LWL+21, LZQ+20, LWZ+21c, MGSP22, MWZ+20, NLX19, OLS+13, OBT21, PSA21, RFFB+20, SSV+19, SZHH22, SGP+20, SLCL22, SWL19, TR13, UBP+19, WCC+18, WYHZ20, WWL+17, WCX12, YCX+21, YZP+21, ZLH+20, ZLF+21b, ZLF+21a, Zha11, ZSZ+21, ZG19, wTCAK+20, GE14, GE15, LLCZ15, SEC15].

Deep-Learning [FPC20].

DeepDRBP

[ZCL21].

DeepDRBP-2L [ZCL21].

DeepDS [LWZ+21a].

DeepSeed

[LLQW21].

DeepSOM [SYK17].

Defects

[LudSCH10].

defines [LHWW17].

Defining

[WS08].

Definitions [NRV09].

Deformation

[ASJ+07].

degenerate

[CFIS+15].

Degradation

[WMWA12].

Degree

[GF10, SS06a, TWZ14].

deGSM [GFG+21].

Delay

[EAS13, JSS+18].

Delayed
Differentiating [ZLXL19]. Differentiation [CBM*20, ZRK19]. Difficult [BBCP07].
Diffused [WWC18]. Diffusion [FZWS17, SHJL10, SWSA21]. Digest [BBK*07, JR14]. Digestive [YHW*21].
digital [AIS*16]. Dilated [GHZ*22, LXL*21]. Dimension [ST05, ZHD*21, YTL15].
Dimension-Fusion [ZHD*21].

Dimensional [Che10, CHC*05, DZA*06, HDS*18, HL21, LHL*19a, LTTaS13, LN13, NPBD16, PL17, SWL19, WWL16, WRH*09, WWL*17, ZMT13, ZD17, ZZZW19, ZWL21, ZKL18, BF14, Qin14, YN14, ZMC*14].
Dimensionality [LRM08, YLC20]. DipC [WCLY20]. Diploid [KWL07]. Direct [SZL*20]. Directed [ARS17, PPZ12, Zha18].
Direction [HYL*19]. Directional [ZS19]. Dirichlet [CGZ15, PRZ*14, RdiCGW09].
Disagreement [MW20]. Disambiguation [HVD18, HKW14]. DiscMLA [ZHZ18a].
Discordance [PT09]. Discover [MSZ19a].
Discovering [AOSN*18, ACPI0, BHS*04, KN05, LSTW*17, LHL*07, LNC*05, MPF12, NTL*22, OHK*21, RB16, RM18, RA16, SC22a, WHWP12, WSTL*15, XL16, YNBM05].
Discovery [ANR11, ABS17, BI09, BD19, BWN*11, CLST*13, CHK17, GSXZ17, GCB*18, Han10, JL10, KL19, KC11, KZ10, LDS*07, LHL*19a, LMP15, LCLL10, LCW*18, LT07, MLZ18, PWT10, PZH20, RLV04, RSV*22, SKDA19, SS04, SGP*20, SLCL22, TP18, UBP*19, WLP11, YAB13, YYG*21, YLY*12, YNN*18, ZDL12, ZZ18, ZZN*11b, ZMC*14, ZAZ11, Pd20, CWD15, CA14, FWY*15, JZCZ15, KGF*14, OFC*14].

Discrete [CWZ08, ED15, GPZ20, HGM18, LCW*18, PTM*19, SH11a, WZ13b].

Discriminative [GNZ19, K11, lLMBJ11, SC22a, ZZH18a].
Disease [BBKG19, CLL*21, DHCW18, GWW*22, GSC17, GZYL22, HZM*17, JBLS19, JY21, JZQQ19, JQGY21, JHSL19, LWW*18, LRR08, LTP22, LWZ*21, LZX*21, LZHZ17, LWT*18, LWZ*21c, LDL*17, LTRW19, MS17, MSB19, NWZ*20, OW20, PSA21, PV*21, QLZ16, QZD*21, QQD*21, QBPEL12, SSK*20, VB18, WLCX18, WCMB19, WLA*13, XPH12, XW16, YDW*20, YDW*21, YG19, ZLZ17, ZLH*20, ZLF*21b, ZWS*18, ZZCD19, ZZR1PZ19, ZLG*21, ZC17, ZYW*21, ZYN*19, YWW*19]. Disease-Associated [GWZ*22, GZYL22, LDD*17].
Disease-Gene [ZCL22]. Disease-Related [JZZQ19]. Diseases [AHC*21, BMR21, CC21, GZC*17, HC16, TP18, YWW*19, DWZ*15, LLR17, TYL*16].

Disequilibrium [LLC*13]. Disjoint [DNS19]. Disorders [GSC17, SdvSS*18].
Disparate [QKÖ18]. Disrupt [GED*17].
Disruption [HK20]. Dissect [WLH19].

Dissecting [KDS*20]. Dissimilarity [FB19].
Dissipativity [YLZ18].

Dissipativity-Based [YLCW21]. Distance [AKNB07, ASO5, BFK17, BG12, BS10b, BPH19, BODD20, BJ13, CHNW20, CWZL08, DS14, FM11, GR5*13, Lab06, LTM*13, Pol12, RFB20, SGC07, SBDD21, SWH*12, WM19b, WS15, WZ15b, XCR21, ZZY*17, ZWM*20, ZSC*10, ZWI3, dSMD17, DLR15, TSM14].


Distorted [Mos07]. Distributed [BHP19, GZR*18, LBL*10, PFJ*19, PNA20, PSN*15, RTPM*19, SSD19, WWC18, GFG16]. Distribution [ASI*11, BS09, DADF*10, Gru11, LLH*17, MT12a, WLL*20, YWW20, ZLS*21].
ZZP+21b, DWZ+15. Distribution-Free
[YWW20]. Distributions
[APPG18, LTM+13, PPFG20, SZZ+19, SHUP19, WM19a], Disturbance
[LL11, LLL16b, YM20]. Disturbances
[YLZW21]. Disulfide [YLL+15]. Disunited
[SSS20b]. Divergence [KM20, WGP11]. 
Divergence [EW04, ZZS18]. Diverse
[LSB+11]. Diversity
[DZMB22, FWY19, MPKVH09, SNM08]. Divide
[KD15, OC13, SR10]. Dividing
[SWSA21]. Division [XSL+21]. Divisive
[MA12]. DLBCL [WWC18]. DMBIH
[YGFC20]. DMFLDA [ZLF+21b]. 
DMFMDA [LWZ+21c]. DMVO [CIZ+22]. 
DNA
[ASJ+07, BMcy22, BTYC13, CIZ+22, CFOS06, CLST+13, CW09a, CH11, CLZ+18, 
CWLs15, CLS19, CL08, CAN+08, DCHW17, 
DSVM18, DPW12, FPC20, GZGX14, 
GKPs11, HEK18, HHSc13, HG16, HLZ+17, 
HLH11, KCD+12, KC11, KBSCZ12, 
LSTW+17, LPH18, LLW+11, LzZ+20, 
cLwa07, MGL+12, MRK18, MS21, MMSH14, 
NVS18, NTL+22, PKRD12, PG12, PFG18, 
RL04, RG16, SSS20b, SLRQ19, SK20, 
TDA+09, TSM14, UJ09, WZZ+18, WP08, 
WSTL+15, WLPW16, WW19, ZHZ19, 
ZLL+20, ZBBH20, ZCLZ1, ZYH+21, 
ZWHh21, ZSH21, ZLX+20, ZDDY13, ZL15]. 
DNA-Binding
[MGL+12, ZCLZ1, ZLX+20, ZDDY13]. 
DNA-Protein [ZYH+21, WP08, ZHZ19]. 
DNA-quences [MS21]. DNAzyme 
[ES14]. Dumn13a [LGN+19]. DNNs 
[CZDZ22]. DNRLMF [YW+19]. Do 
[RRTB12]. Dock [ADPH13, BCS11]. 
Docking [ADPH11, ADPH13, BCS11, 
GED+17, LSS+11, PSS+15, SZ11]. 
Documents [AC12, KAHK+10]. Does 
[BCVS19]. Domain [CJY+19, JGW+21, 
JGP21, KCP19, LB19, LW20, SD+21, 
WZC+21, WWT+20, XNYC21]. Domains 
[HMK+07, LDS+07, QLZ16, WCMZ15, 
ZHZ+20, DC15, PWC+15]. Dominating 
[ZWW17]. donovani [SP+17]. DORMAN 
[OSA+21]. Dose [SWX+19]. Double 
[HLGS21, SZCX19, YCY+14]. 
Double-Sparse [HLGS21]. Downhill 
[SS04]. DP1 [IDD13]. DPNuc [CZG15]. 
Drawings [Has09, SNM12]. Drawings 
[VAGS10]. drift [SPWF14]. Driven 
[CSSW11, CCE19, FMA+20, HLY+16, 
JQGY21, PLC+20, RGB+21, YCCM12, 
ZH20, GTBL14, KG15]. Driver 
[LGW20, LWD+21, SPW20, YYY+21, ZZ18, 
ZW19, LP15, LWM14]. Driving [WHW21]. 
Drone [JQGY21]. Dropfeature [CZDZ22]. 
Dropfeature-DNNs [CZDZ22]. 
Drosophila [GGH+13, LK11, LJK+12, 
LLYS21, LLD21, MBJ19]. DrPOCS 
[WQC+19]. Drug 
[BD19, CCCY20, CCN22, DCM20, EZZ+17, 
HLN20, HXS+21, JQH+20, KCP19, KHP12, 
KS18, LC19, LWZ+21a, LWL+22, LWW+19, 
LYW+21, MWZ17, NNNL22, NNTT22, 
NVL22, PRP21, PSIM17, VR13, SK21, SZ11, 
SYK15, SSP+17, SWX+19, UBP+19, 
UK18, WLCX18, WQC+19, WXW120, 
WDL+22, XYZ19, YZD+22, YLLY21, 
ZSZ+22, ZWP+21, BHH+14, FHGR14, 
KPB14, LYH+16, XLC+15]. Drug-Drug 
[YZD+22]. Drug-Gene-Disease [WLCX18]. 
Drug-Induced [SWX+19]. drug-pathway 
[LYH+16]. Drug-Response 
[CCY20, UKV18]. Drug-Target 
[EZW+17, HXS+21, IWL+22, NNTT22, 
YLYY21, FHGR14]. DrugBank [RV13]. 
Drugs [NVL22, PG12, YSW+17], 
DSTPCA [HLGS21]. DTCT [KY22]. Dual 
[KY22, LLQ+16, RBB+19, WXW120], 
Dual-Layer [WXW120]. Duchenne 
[BCL+3a]. Ductal [CSS16]. Duplication 
[BE08, BEW09, BS11, BG05, DOK+21, 
GET21, GDLRH21, HZ+19, HCM18, 
HB21, KB17, KB19, LCZ13, LCC+11, 
P18, ZZZ18, vJL+20, ZZ14]. 
Duplication-Loss [GET21].
Duplication-Loss-Coalescence [DOK+21].

Duplication-Transfer-Loss

[GDRLH21, KB17, KB19]. Duplications

[BCF+07, CDW12, SS06a, THL11]. During

[BCY+22, HK12, KCZ+15, TC13].
Dynamic [BRB21, BBK+07, CHZ+16, CLR10, GCL+18, HL16, HHYH07, HT09, LCZN16, LWZ+21b, NM22, NSZK15, PAL+12, PZS+20, RBdJ11, SMSZ17, TP18, WLL+09, WMWA12, WWLL16, XZG+18, ZLH12, ZD17, ZD21, WZ14].

Dynamic-Transfer-Loss [GDRLH21, KB17, KB19].

Duplications

[BCF+07, CDW12, SS06a, THL11]. During

[BCY+22, HK12, KCZ+15, TC13].

Dynamic [BRB21, BBK+07, CHZ+16, CLR10, GCL+18, HL16, HHYH07, HT09, LCZN16, LWZ+21b, NM22, NSZK15, PAL+12, PZS+20, RBdJ11, SMSZ17, TP18, WLL+09, WMWA12, WWLL16, XZG+18, ZLH12, ZD17, ZD21, WZ14].

Dynamic-Pattern [WMWA12].

Dynamical

[CBM+20, KKC16, LLH+07, MDD18, SCM19, ZKZW18].

Dynamics

[AVD+12, APKP18, CGLF12, Dem12, GBJ08, JGKP21, KKC16, LLH+07, MDD18, SCM19, ZKZW18].

Dysfunction [FLJS20].

Dystrophy [BCL+13a].

Early [BCL+13a, JLK+21, JHZL19, NDLT22, TP18]. Early-Stage [JLK+21].

East [XHY+18].

Ebola [MBP+18]. EBWS

[KBBDL17]. ECD [YK17]. ECG [ZCW19].

Edge

[GPC+20, WLWP12, HKLN14]. Edit

[RFBL20, XCR21]. Edit-Distance [XCR21].

Edition

[MMV19, MMV20, MMV21b, MMV21a]. Editor

[BLP18, HMZ17, Aho21, Ano04b, Ano08c, Ano10c, Ano12b, Cas06, Cas07, Cat17, Gus07a, Gus07b, LNY05a, XU13, XU14a, XU15, Zha17]. Editor-in

[XU13]. Editor-in-Chief

[Alu21, Ano08c, Xu14a, Xu15, Zha17].

Editorial

[Aho21, Ano08c, Xu14a, Xu15, Zha17].

Effective

[AD12, BMH+16, GSC+18, GSC17, GPC+20, JQR+20, MRS09, RKDR10, SXC19, WHX17, ZJ14, WFD15].

Effective

[AAP06, BRZ+17, CMSE+15, CWCJ21, CZDZ22, CZJ17, FSNF21, HC07, SSS20a, WY17].

Effectively

[CZW+18].

Effectiveness

[ARK20, Jam15]. Effects

[ALQ17, BCFCC13, LLCC21, MWLS18, OHK+21, SSK20]. Efficiency

[LRM08, QL09, CWDS15]. Efficiency

[KBBD+17, LHY+11, RKDR10, RKDR11, ZLLS17]. Efficient

[BPV+11, BHHML16, CMR19, CZ20, CFO06, CCE19, DLRW18, DBZ12, DLM12, DHC12, FM12, GMH16, GSK13, HLV+10, JZ09, JZ17, KY12, LR20, LYH+16, LL+15, LZX+19, LZX20, LHZ+20, MWL+21, ME19c, MS11, MCDD12, NSZK15, PG18, PSPM20, PH10a, PCK19, PB12J, POS+18, SPI, SAE+20, SK08, SN12, SLH+06a, SDB+07, SK12, SDDT19, TZP17, VTGC16, WBP+12, WKLL12, Wan16, WBE13, Wer06, WCLY12, YDM+08, YHZ+19, ZZHZ+18, ZGZ+20, ZLC+21, GM14, LMZ14, LHS16, SDA21, SSK15, SVY14, YHZ+15, ZHL+14].

Efficiently

[HYL+19, TK05, ZLL+19, NYOL15]. EGA

[Sen19]. EGFR [MZWY17]. EHR

[ZDL+19]. EHR-Based [ZDL+19]. EHRs

[MZSL19]. EIC
Equations

[HLM+13, SdOD+12, SCCDK09].
Explorations [mHB13]. Exploratory [BLR08, Nahl10, ZWHC19]. Explore [BKKG19, YDM+08]. Exploring [BSST08, CLC+17, CRK+19, DHC12, GTTR+17, JBP08, KN5+05, KAS21, SLGK17, TYL+16, USMS19, VRJ+10]. Exponential [WFY+19]. Exponential-Family [WFY+19]. Expressed [AAP06, EAS12, LLCC21, LXL+16, LWG+18, PS19, SDTK19, WS12]. Expression [ACWW05, ACWW07, BGS+12, BDP11, BHMA06, BLP+12, BHS21, Bon07, CCCY20, CHWY19, CMMZ20, CBK20, CWZ08, DZH16, DCHW17, DWSB11, GZG17, GMSD11, GZ+18, GJZH17, GBJ08, HBH12, HHYH07, HMW+12, HC16, HTLLL2, JCF13, KBN19, KG12, KCC+15, KCP18, KK12, KKP+21, KMG+05, LEAK11, LTM+12, LTM+13, LBM+18, LRM08, LJK+12, LLHF15, LPH+21, LW19b, LYY+19, LLL15, LLA+19, LGYV21, MTSC10, MSH+11, MSS19a, MB20, MWZ+20, MW21, MWLS18, NPK+07, OBT21, PI09, PYL+21, PAAG07, RdICGW09, RWH+10, RMS15, SMK22, SCSS05, SSP+05, SIM12, SDCW11, SKD+07, SGK12, TZH07, TK05, TWZW16, TOYHZ19, UC10, UKV18, WZA07, WLL+09, WRH+09, WP08, XHO+18, XLL+20, XAW07, XOYHZ18, YWW20, YLX04, YNB05, YLY+12, YP13, YCCM12, YOKI09, ZKZ21, ZMT13, ZHS07, ZWSX12, ZXL18a, ZXL18b, ZXZ20, ZYW+10, dCAR11, vBDRD+11, BMM14, FN14, JR14]. expression [KSM14, LZX+15, PJN+14, RHK14, YCY+14]. Expressions [ARM+19, BRF17, BIBD21, SSK+20, WCX07,WLHY19]. Expressivity [FMRS18]. Extend [CLH+15]. Extended [KFHK14, dSRCT+11, WLL+09, YXZD21]. Extended-Sequence [dSRCT+11]. Extending [ATA+17, ARS17, FM13]. Extensible [ACP10]. Extension [LLH+17, LTL+19, MQOH21, STB+19]. Extensions [GG11]. Extensive [FFT16, NTL+22, MG14]. Extract [FW20, JY21, DPL+14]. Extracted [ASP20, AD12, MSJ19]. Extracting [AMGC16, GBJ08, HC17, LLQ+16, LQ20, NZR11, NAHT+20, RSG18, SYM+10, XYZ19]. Extraction [BLR15, CBZ18, DLT10, DDZ+21, DPS+13, DPA+17, GBTW16, HLV+10, HVD18, K11, MCC16, SYM+10, XTL12c, YSC13, YRL+20, ZLY+12, ZFZL22, ZYN+19, TAL+15]. Extreme [LSY+20, MGSP22, ZHSS07]. Eyes [WHW21]. Facilitate [GJZH17]. Factor [CRP12, LPH18, PIPC18, WPL15, YLBX21, ZSH21, ZS18, LRRZ15]. Factor-Based [YLBX21]. Factored [ASP20, PAL+12]. Factorization [EZW+17, GWW+22, JHX17, JZZQ19, LW17, CX21, LW+18, LWL+20, LWZ+21c, MHHJ20, RM18, WLG+16, WHF+20, YHCS19, YWF+20, ZWXL20]. Factors [BPP+13, LX21]. FAD [YZG+19]. False [ANR11, GCB+18, HZTP12, SS04, YAB13, CWDS15]. Families [DR16, Ros13, TRBK08, WWL19]. Family [CSS11, GzS11, HZL+20, PA22, RGI13, WFW+19]. Family-Based [RGI13]. Family-Wise [HLZ+20]. Fast [ATX21, ADPH11, BCS11, BM12, BBH12, CBFB12, CW11, CA14, DRR07, DS21, DWSB11, FVP+20, FSB+11, GZG17, G019, GAGM11, LHL+19a, LK+21, OW16, OG11, OP11, PNA20, PVB+12, RMI12, RSJK13, Shi10, SB12, TGLP16, WYY+13, WLC+11, WLL+19, WXS+19, WXC15, YXYC13, ZCG+18, ZG+21, ZS19, ZL15, dAc17, GJY+14, ZLLS17]. Fast-Adaptive [ZCG+18]. Fast-Known [SBY12]. Faster [BAK06, CW07, CHNW20, HC16, SN12, SB09, WS21]. FastEtch [GK19]. FASTQ [How13, GDI12]. FastR [ZHEB05]. Fatal
Game [LQV+13, MEOL14]. Game-Theory [LQV+13], GamRed [MJPP20].
GamRed-Adaptive [MJPP20]. GAN [YCY+21]. Gap [LNR+09, LWS+20].
Gapped [CWC04, C2Z20, WS08].
GapReduce [LWS+20]. Gaps [COW20, GGP08, ST19]. Gastric [MBP+19].
Gate [Kar12b, LJ20]. Gated [SDH20b]. Gating [JLW17, Qiu14].
Gaussian [BEQD19, KDS+20, LDLÁ21, NFM+12, YGB10, ZFH+21, ZC11]. GBM [PL17]. GBM-Related [PL17]. GC [RKD10, TS14, WLL+20]. GC-content [TSM14]. GC-contents [WLL+20]. GCNs [LLW+22]. GECC [RHK14]. GEFA [NNLT22]. gEFM [UH16]. Gelsius [AAF+13]. Gender [YCZ+18]. Gene [AJD+12, ASP20, AMGC16, AKNB07, ARK20, AOSN+18, ADR18, AW18, AKV16, AMH16, ABS17, ACW05, ACWW07, APPG18, BGHC20, BM17, BE08, BEW09, BS11, BGS+12, BDP11, BHMA06, BCL+13a, BA18, BHS21, Bon07, BLR08, BIBD21, CCCI20, CDB+16, CDW12, CHWY19, CMMZ20, Che10, CM16, CPM18, CW08, CHZ+21, DL10, DGH+06, DRS12, DZH16, DCHW17, DDKD10, DHC12, DBK18, DSCM20, EAS13, ED15, FWXZ19, FK19, FLAM15, GZG17, GMSD11, GDM18, GE15, GE18, GSC17, GHL05, HL16, HYV+17, HHH12, HXJS18, HHYH07, HMW+12, HWK14, HLY+16, HC16, HC07, HF12, HTLL12, INT11, IGM+07, IQA18, IBN19, IL18, JCF13, JZS+18, KBH0118, KBN19, KSN+12, KN05, KP12, KG12, KCC15, KCP18, KKK19, KB17, KB19, KK12, KKP+21, LCEM18, LEAK11, LTM+12, LTM+13, LSM+21, LBM+18, LRM08, LH10, LJK+12, LLHF15]. Gene [LCZ16, LW17, LDM18, LB19, LP+21, LZH18, LJJ+14, LX21, LNC+05, LHD18, LW19b, LYY+19, LLK+21, LLL15, LLA19, LGYW21, LTL+19, LHY+11, LCC+11, LTRW19, MNR09, MTSCO10, MSS19a, MSJP19, MB20, MMP+20, MT11, MWZ+20, MZL15, MPM11, MDD18, MW21, MBF+11, MSG18, MG19, NRV09, NPK+07, N107, NSNN12, OHK+21, OBT21, PGHT12, P109, PA22, PYL+21, PBV+20, PC18, PG06, PAAG07, PKM06, PKA20, QD12, RM13, RC11, RdmCGW9, RMV12, RRTB12, RWY+10, RMS15, SSS+11, SSK+20, SMK22, SS05, SSM15, SRS+05, ST06, SIM12, SDCW11, SV16, STB+19, SPA17, SKD+07, SZGZ21, SW09, SGK12, TIA+11, TAAP11, TZH07, TGGF10, THL11, TK05, TWZV16, TOYHZ19, UC10, UKV18, Val11, VRK12, VRJ+10, VFO9, WZA07, WLL+09, WL11, WKL12, WLG+16, WLCX18, WVL19, WLYH19, WDL+22, WRH+09, WP08, WWC18, XHQ+18, XAW07, XOYHZ18, XLP+21]. Gene-Duplication [BE08, BEW09, BS11].
Gene-environment [LLH+14]. Gene-Expression [CCCY20, UKV18].
Gene-Specific [SZG21]. Gene-Team [WKLL12]. Gene-to-Class [HYW+17].
Gene-to-Gene [GHL05, LNC+05].
GeneChips [LUdSCH10].
GeneNetFinder2 [HL16]. General [AHK+21, BCY+22, SC11, WKL12, Wan12, YP13].
generalizable [TAL+15]. Generalizations
[CLR09a]. **Generalized**

[ATL20, BBN19, SBL05, HHS13, JMA17, ZACS09, ZAZ11, FN14]. **Generate**

[YLC13]. **Generated** [ZZS18].

**Generating** [GLT21, PGS05].

**Generation**

[BBN18, FS13b, KCD18, FS13b, KCD13].

**Generated** [ZLZ20, ZAZ11, FN14].

**Generators** [ZDL12, ZZD13]. **Generator** [HLM10].

**Generators** [ZWZ16]. **Generic** [BBV+11].

**Genes** [AAE+13, AAP06, BGHC20, BRF17, BSS+22, CZF+05, CHN+18, DZH16, DGI19, EAS12, EFLA08, FTT16, HAH13, JZZQ19, KCP18, KM20, LFK16, LTM+13, LLX+11, LGW20, LLCC21, LZ+19, LX+16, LWG+18, MP13, MS17, MHH+15, PS19, PWT10, PL17, PZHW+20, RYK+19, SSS+11, SBV15, SRLM18, SBBD21, SPW20, SDTK19, TZY11, WS12, WCG07, WGP11, WZC+21, XPH12, XZS+21, ZLLZ+17, ZLH+20, ZOZ10, dSPFF21, CB1N15, DI15, KSM14, KKC+14, LWM14, MFS+15, SSK14, Tah14, WDF15].

**GENESHIFT** [ITM+13]. **Genetic**

[AGA18, BMK11, BvDGG+11, CSW11, CL15, CAN+08, DSHM08, FZWS17, GPZ20, GZFT15, Gos11, GJZ17, HYR+19, HCL15, JSA08, JSS+18, JZS+18, KMS19, KB20, KN05, LL11, LLZC12, LWZ12, LGYW21, MTN17, MCI+07, MDH11, MWS15, MMW+13, NJM19, OMAgD+12, PB12a, PL09, PWY+21, RKDR11, Sen19, SWSA21, SVE21, THe16, TSMG+13, TED+12, TBR13, VMZM17, VVS15, VBZ+18, WYF+19, WAG19, WCL11, XWF07, YCYC12, YLLC13, YAB13, YLZ21, ZLH12, ZWZ16, ZSD08, dJPO8, ADTAQ16, CL14, HRHP16, PV16, RHH16, TYL+16, WLY15, ZWC15].

**Genetics** [DLY+21, SLH06b, ZFH+21].

**Genome**

[AP07, AJM18, AN19, BGS+12, BMM06, CZF+05, CHN+18, DGV+17, DWSB11, FLW12, FIM13, FMA+20, FS13b, GZFT15, GSK13, GJZH17, GZS+17, GCY+21, HKS11, HWS+18, HBM19, KMSY20, KIM18, LN17, LW19a, LZW20, MSS+13a, MP15, NPK+07, NTL+22, PIPC18, P11, RZMC17, SKS+19, STHA15, SBDD21, SSS13b, TGLP16, TIA+11, TGP+15, Val11, VTG16, WNY+13, WHZ14, XLX+21, XHY+18, ZZCY10, ZS18, ZCL21, ZLL20, ZAZ11, ESW14, LHSL16, SVM14, TYL+16, WLC+15]. **Genome-Guided**

[FS13b, TGP+15]. **Genome-Scale**

[DWSB11, GJZH17, MPA15].

**Genome-Wide**

[BSG+12, DGV+17, FLW12, GZS+17, KMSY20, LW19a, LZW20, NPK+07, NTL+22, PIPC18, SKS+19, TIA+11, Val11, VTG16, WYY+13, ZZCY10, ZAZ11, WHZ14, TYL+16].

**Genomes**

[BCF+07, DS12, GKH19, HLM+19, MS10, NLLH17, QLLX10, QTZ15, XZG15, YBGB10, ZHEB05, BS15, CA14, RB14].

**GenomeTools** [GSK13]. **Genomic**

[BBH+18, BKP+19, BKLS18, CKM+17, CHL+12, CHW+18, CBZ18, CRK+19, DHCW18, DMJ+18, DBTB09, FM12, FLM+16, GRS+13, HYL+20, HYC12, HQL14, HLM+20, KPK+17, LTMX+16, MCC16, OLS+13, PHX+08, PG18, PWT10, RCP+18, RTPM+19, RH05, SHTP19, WMWA12, ZZZW19, dSMDB17, GMCB14, SSK15, XWL15, ZMP+14].

**Genomic-range** [SSK15]. **Genomics**

[AN21, DNN22, KNS+05, PR18, RCM+19, SNK+22, WHF+20, WKSP21, YNN+18, CW22]. **GenoPri'16** [AJM18]. **GenoPri'17** [ANT19].

**Genotype** [CE19, DLM12, GMP08, PVY+12, YLCC13, ZPW+19].

**Genotype-Phenotype** [ZPW+19].

**Genotypes** [HYL+20]. **Genotypic**

[HXXJ18]. **Genotyping**

[Che16, QBE12, YC12]. **GenSeq** [GGL+21]. **GENSIPS** [HCQ14]. **Genus** [AM22].

**Geodesic** [BPV+11, OP11].

**geodesics** [Nye14]. **Geographical**
[DZMB22]. Geometric
[DM09, FSDR16, BCLC15]. Geometrically
[KL19]. Geometry [LES18]. GeRNAMo
[MIC+07]. GEVD [TDD14]. Gibbs [AM19].
Gibbs/MCMC [AM19]. Gillespie [BU17].
Give [BCVS19]. Given [WMS09]. GIW
[ESW14, Kim18, STHA15, ZLZ20].
GIW/InCoB [Kim18]. GIW/ISC
[STHA15]. GIW/ISC-Asia [STHA15].
GAlign [MGC19]. GLBIO [MJ18].
Gleason [XP120]. Glioblastoma
[CHW+18, ZLW16]. Global
[ARP+16, DBN18, ECK16, FZM15, GPC]
[WWL10]. Glycan
[BKR11, SLL+15, DST+15b]. Glycans
[kSS15]. Glycogenolysis [PPM+13].
Glycolysis [PPM+13]. Glycolytic
[BSR+21]. GMM [ZYW17]. GO
[CX15, LBM+18, MMBC22, SSP+05, G]
[SLS+14, YKW18, YFW18, ZWZ20].
GO-Similarity [MMBC22]. GP [VBG+18].
GPCR [WWL+17]. GPCR [CSS11].
GP [SHIL10]. GPU
[BBH12, COW20, CMSE+15, CXX19, G]
[CC22, GDWM+15, LFF18, LGG+16, N]
[SZK15, SYL19, WWC18, ZWX17].
GPU-Accelerated [CXX19, GDWM+15].
GPU-Based [LFF18, NSZK15].
GPU-Oriented [LGH+16]. GPUDePiCt
[CFI+15]. GPU [TED+12]. Gradient
[HOS+12a, HOS+12b, HCO7, IGM+07, G]
[LXZ20, MGSP22]. Gradient-Based
[HOS+12a, HOS+12b, HCO7, IGM+07].
Grain [JLYZ+16, LQV+13]. Grained
[CGFL12, ZWX17]. Graining [MPDR18].
Gram [CXX19]. grammars [SHS15].
Grammatical [RAA10]. grams [LZGZ14].
Granger [HLL18b]. Grant [DDZ+21].
GrantExtractor [DDZ+21]. Graph
[AFJ12, ACSR21, BB04, BRS18, BDP11, BMR21, BMHS13, BCL13b, CHK17, DBK18, EZZ+17, GLX+22, GLW+12, Gru11, GFG+21, GGY+21, GZ22, GY21, HCC18, JLC16, KLHC22, KPK+17, LTP22, LWW+22, LHQ+18, LWW+20, LQQW21, MMBC22, MMG+22, MKH11, MSS+19b, NNN+22, NLV22, NWW19, PNA20, RFB20, RC11, RSJK13, SHTL10, THH+19, UAH16, VKM07, WLG+16, WFF+19, WKKO7, WX15, YSGZ20, YM20, YFWZ18, ZWKL20, ZCL+22, ZPW+21, ZACS09, ZDY13, DKS+15, JHX15, KFHK14, ARZ+14, ZWL+14b]. graph-based [DKS+15, KFH14].
Graph-Parallel [GCY+21].
Graph-Theoretical [BCL13b, CHK17].
Graphical [CCBR+21]. Graphical
[HLDZ17, JY21, SMPS20, TRK08, G].
Graphics [Dem12, LSMW11, CF15+15, ZLS+15].
Graphlet [MQOH21]. Graphlets [ARS17].
GraphPlas [WL22]. Graphs
[AP07, BSV10, CRK+19, DH04, JZZ+21, G].
GROMACS [PCY+19]. Group
[APRS11, GCB+18]. Group-Wise [GCY+18].
Grouped [LMM+18]. Group-Wise
[APRS11]. Group-Wise [GCB+18].
Groups [LLW10]. Growing
[BDO+18, HAH13, SCM19]. Growth
[DSTa15, KHP12, TRKRC13]. GSEH
[KCP18]. GSGS [AJD+12]. Guaranteed
[HYZ16]. Guarantees [BM13]. Guest
[BLP18, BPO17, CEG14, CHE12, CN21,
Che13, DN22, ESW14, FJJ18, GJH19, GM16, HMZ17, HC15, HBG16, HBG17, HBG18, HBG19, HBG20, HBG21, KS13, KJ04, KJ05, LZW21, LW15, MNA14, Mur18, PR14, SPK19, STA15, TH18, WYWX16, WLWN17, WLC18, WH11, XJZS21, XHS15, YSC19, YGF20, YJJW21, YTC21, YS17, ZC15, ZPC+21, ZLZ20, ZC14, dSK13, MKARB16, AS15, BPRZ11, CLS22, CNS22a, Cas06, Cas07, Cat17, CZ12, FS12, FS13a, GH08b, LNY05b, LNY05a, MPZ07, MPZ08, MPSZ09, MWZ13, MSZ19b, MNPZ10, RZF07, Guidance [GSX+18, MSS13b].
Guidance [BPM21, FS13b, HYR+19, LXL+21, MPS18, SLX+18, TGP+15, ZZY+17, ZXZ+21].
Guidelines [HLY+16].
Guiding [HZZY16, LLK+22].
H1N1 [BPJ12].
H3K4me2 [MMH15].
Hadamard [HS08].
Halving [AP07].
Hamiltonian [GFS13].
Hamming [TSM14].
Handcrafted [NBGL19, SDN+11].
Handling [BM20].
Handover [LHH19].
HapBoost [WYY+13].
Haplootype [BH06, FHH+11, GKPS11, ICL11, PB12, TGPL16, TBGL10, WYY+13, XYYC13, PRZ+14, PV16].
Haplotyping [BBSP08, BVD+10, GGP08, LRR08, SH06, XWC15, vIKKS08, KO15].
Hard [LGZ+17, Roc06].
Hardness [BO12, JNST09, RCM+19, LV14].
Hardware [DSVMM18, FVLN15, AKD17, LMSW11, ZLS+15].
Harris [SSD+16].
Hash [ZLY+12, HC14a].
Hazards [HL21].
HBase [LLZ+20b].
HCD [SLL+19].
HDS [CMS12].
Head [NP+17].
Health [LYY+11, LZW21, SPK19, SGR+17].
Healthcare [CWCJ21, JQGY21, SJZ19, SGR+17, WLWN17, YJJW21, ZBY+21].
Heart [LYY+11, BCMW15].
Heat [CRP12].
Heavy [NVSH18].
Heavy-Tailed [NVSH18].
Hedou12 [JWZ+20].
Helical [ZHJ+20].
Heme [ZCG+18].
HEMEspred [ZCG+18].
Hepatitis [HEE+18, LLW+11].
Hepatocellular [BSS+22, YSW+17].
Hepatotoxicity [SWX+19].
Herbal [SYKS15].
Herpesvirus [RB14].
Heterocomplexes [CWL12].
Heterogeneity [AGMP09, KDS+20, KCP18, OZWA21].
Heterogeneous [CKM+17, HHYC20, JAM17, JGR15, LWL+22, LZHZ17, LWL+19, LBL+10, MHHJ20, MG5+21, Mat15, NTR16, PL17, VTMG22, WLC+15, XWL20, XW16, ZZCD19, ZYF+18, XLWL15].
Heterozygosity [CHL13].
HeteSim [ZLLZ17].
HetRCNA [XWL20].
Hierarchical [CH11, GGP08, HT09, HHL11, JNST09, PWT10, SK9, TBGL10, TDA+09, YXYC13, dDD18, GM14, IM14].
Heuristics [AOSN+18, BE08, BODD20, HOS+12a, HOS+12b, NI07, SBDD21].
Hexagon [LHL22b].
Hi [CSZ+19, MP19].
Hi-C [CSZ+19, MP19].
Hidden [Gou06, cLWA07, LGN+19, PW21, YHCS19, SPWF14].
Hierarchical [FFT16, GZH11, GLG10, Kar12a, Mah10, PJJ14, SZH11, TQ08, Val11, WZA07, WLC11, YP13, ZWL+11, ZBFK10, LLC+15, WFD15].
High [AS05, AHC+21, BGS+12, BCY+22, BWRF12, CNM11, CHW21, Che10, DPW12, GGP08, HF07, How13, HDS+18, HL21, Kur13, LDS+07, LHL+19a, LN13, LCZ16, LW18, LJ+15, LHY+16, MJPP20, MZ12, MC07, MDM13, PZS+20, PFGDCRM22, SDP+14, SYK17, WYHZ20, WGL+21, YP13, ZH18a, ZZW19, ZH19, ZKL18, dSMDB17, DWZ+15, GCC+14, LHWL15, Qiu14, WL+14, XZY+14, YN14].
High-Density [BCY+22].
High-Dimensional [Che10, HDS+18, HL21, LN13, Qiu14, YN14].
High-Order
[LCZN16, PFGDCRM22, ZZH19, DWZ+15].
High-Performance [BGS+12, WGL+21].
high-quality [WLG+14]. High-Resolution [DPW12]. High-Risk [AHC+21].
High-Scalable [PZZ+20].
High-Throughput [CHW21, HF07, How13, Kur13, LW18, LJL+15, MJPP20, MDM13, SDP+21, YP13, ZZH18a, GCC+14]. Higher [KLC22, MGK17, ZLSS17].
Higher-Order [KLC22, MGK17].
Highly [CCE19, GSB21, GMP08, SSS+11, WL13a, HKLN14, SQZA14].
Hilbert [GZG17, LKY+11].
Hill [RV06, KG12].
Hill-Climbing [RV06].
Hinge [FMD18, Shi10].
Hippocampal [SSK+20].
Histone [CMMZ20]. Histopathological [FZM20].
Histories [DR16, Rose13].
History [BB04, CW09b, LCWZ13, MKS+21, TBR1]. HIV [BFAA+11, DCM20, HHL+20, KS18, LSMF08, MMB+13, NTC007, PRZ+14, RB16, RM18, SYKS15, Vi18]. HIV-1 [BFAA+20, DCM20, HHL+20, RB16, SYKS15, Vi18, LSMF08].
HIV-1-Human [MMB+13].
HLA [IDR13].
HLA-DP1 [IDR13].
HMM [SB09].
HMMCAS [CYJ+19].
HomoLab [WG+17].
Holmes [WYH+17].
Homeostasis [MFS+15].
Homo [LudSch10].
Homogeneous [MT2a, ZMT13, ZMT14].
Homologous [QTZ15].
Homologs [SSZ+19].
Homologues [LD8+07].
Homology [Bro65, LL19, LCGW19, LGB15, LC17B, MPM11, Zha07, CWD15, DGR15].
Homomorphic [RCP+18].
Homomorphisms [Wil12].
Honeycomb [LHO+18].
Horizontal [MSG18].
Hospital [WCC+18].
Host [BRB21, DMB22, LWL+21, STD20, USM19].
Host-Pathogen [STD20].
Host-Symbiont [USM19].
Hot [LZ18b, LZ20, SP11, ZLZ+19].
Hotspots [RYK+19].
Hough [TZY11].
Housekeeping [SBW15].
HP [CHC+21].
Hub [ACP21, DZH21, LZ20].
Human [AN21, BMT17, BKK21, BWS05, BSR+21, CHN+18, CD08, CHZ+21, DKDD10, FLW12, GAR+09, GBW16, HCN+19, HLG10, HXX21, LZ2+21, LQ+20, LVL+20, MM+13, OH+21, RLRH18, RTA+01, Sen19, SKD+07, SWL19, TBR11, WYF12, XPH12, YG19, YCZ+18, ZZC10, Zha18, ZRK19, GJPSV14, GBT14, LP15, WLG+14]. Human-Readable [HMG10].
Hybrid [AN21, BU17, BHHM16, CNM11, CKWY12, FPC20, GRDV14, JHV+19, KHP12, KN05, LLY+16, LGW21, MGSP22, PAL+12, SDH20a, TW+20, WGX+17, YCY+13, YFWZ18, ZWL+12, SAM+19, BM14, GAVRRL15, SDA+14, XMM+16].
Hybridization [BS07, CH11, HKS11, LHCL20, LS09, PK13, Pre04, MW16].
Hydrophobic [CDK10].
Hyper [PTH+18].
Hyper/Hypocalcemia [PTH+18].
Hyperflows [AFMS19].
Hypergeometric [KWP13].
Hypergraph [LCW+18].
Hypergraphs [RPB+13, RAM17].
Hyperplasia [ZLX19].
Hypocalcemia [PTH+18].
Hypothesis [BZ07].
I/O [HHP+15].
I2b2 [RCP+18].
IAS [YKKW18].
ICD [HXXJ18, LFZ+19].
ICD-9 [LFZ+19].
ICGA [SSS+11].
ICGA-PSO-ELM [SSS+11].
ICIC [HBG16, HBG20, HBG21, HBG17, HBG18, HBG19].
ID [JAM15].
Identifiability [AR09, APRS11, WIG15].
Identifiable [PW21].
Identification [ALQ17, AGGM11, AN21, BBN19, BGHC20, CWW15, CFO106, CYJ+19, CDW12, CMQ+16, DMD13, DAV+17, EAS12, FJJ11, GGJ+06, HYY+11, HCC+18, HC19, HZL+20, HXYH07, HC13, JXN+16, JRN+18, KCC15, KSK+18, LLLN17, LZ18a, LHHL19, LMZ+20, LPH+21, LYL+21, LTL0, LMZL17, LWD+21, MRB12, MTSCO10, MS17, MSB19, MCCZC08,
Labeled [FGKH11, YLWS21, KSM14].
Labeling [BMT17, CW22, MGS17, PH10a].
Lakes [MJ18]. Lamarckian [ORCJ13].
Landmark [FW20, MCRC17]. Landscape [RJNN18]. Landscapes [SDS18]. Language [LJ20, WCMZ15, ZDL+19]. Laplace [WDS+12]. Laplacian [BM12, JHX17, LJJ+14, MHHJ20, NO09, WLZ+19, WZ13a, ZYW17, ZWHC19].
Lapse [DST15a, SLCL22]. Large [BBH+18, DADF+10, FWXZ19, GPKS11, GSX+18, GFG+21, GLG10, GHL05, HAK+12, JGBR15, JLYZ16, KBCZ12, LFK16, LSM+21, MKKS20, MPQY19, OHK+21, OMWX09, OC13, PAS+11, PZS+20, PG06, PR12, QBPRL12, SSS20a, TSP17, TBR13, WDL+17, YB08, ZLY+13, ZZH18b, IM14, Mat15, SHK14, YHV+15, WWC18].
Large-Scale [BBH+18, FWXZ19, GHL05, HAK+12, JLYZ16, LSM+21, MKKS20, OC13, PZS+20, TBR13, ZZF+19, IM14, SHK14]. Larvae [MBJ19]. Lasso [GHL05, JY21, LDM18, SMPS20, FYSM12, SZGZ21].
LASSO-Regularized [SZGZ21].
Late-Biclustering [GM14]. Latent [GMCB14, JZL13, JGW+21, LLA19, Mam05, RGC05, ZFH+21]. Lateral [CDW12, MVW+13, TBL11, ZWL+12].
Lattice [DCVC11, GZS12, JMA17, TAI+19].
Lattices [DAB17]. LAUPs [XYZ20].
Leaf [wTCAK+20]. Leakage [AGAS18].
Leaping [HDS+18]. Learn [KMG+05, WB17]. Learned [MRK18, NBGL19, SPWF14]. Learning [AV12, AM12, BMK11, BLR08, gCLL+10, CHZ+16, CHW21, CYL+21, Che10, CGW+16, Che16, CZW+18, CCC+22, DK17, DGY05, DN22, DZ11, DSCM20, FYZ+19, FMA+20, FPC20, FSJM05, GTL+21, GAR+09, GZXH21, GM22, GZ22, HYR+19, HHSC13, HEE+18, HLN20, HLSR18, HHCY20, HYZ16, HFL12, HTL12, IBN19, IYA12, JM12, JLK+21, JQGY21, JHZL19, Kar12a, KQD21, KK08, KAS21, KSS15, KY19, LJK+12, LCZ16, LYL+17, LFZ+19, LSY+20, LWZ+21a, LWL+21, LXL+21, LZH18, LNY05b, LNY05a, LHL+19b, LZW21, LTL+07, LYL+21, LWY+21, LQWP21, Mam05, MWZ+20, MSKC19, MFF+18, MW21, NLS19, NTL+22, NHTD17, NF+12, OLZ11, PTH+18, PYL+21, PH10b, PAA07, QDZ+21, RLR20, SFMS18, SDN+11, SKS+19, SSV+19, SZHH22, SAK+21, SGP+20, SLCL22, TNG08, TAAP11, TBR13, UBP+19, VKS17, VMC22, WMK17, WL13b, WHXS17, WYY+18, WLHY19, WCA+19, WYW20, WWBZ19, WCXL18, XJZS21, XZS+21, XPXY11, XL+18]. Learning [XLL19, YJJW21, YCY+21, YDZ+22, YXS16, YHZ+19, ZLF+21b, ZLF+21a, ZHSS07, ZLPW16, ZZ18a, ZCG+18, ZLXL19, ZSZ+21, ZW17, ZG19, ZZL+21, ZPL+20, ZPV+21, ZL19, wTCAK+20, AJYT+15, AM15, BCLC15, CR14, GJSV14, GÁVRL15, LLCZ15, SLW15, SEC15, SFH+14, WHZH14, YN14]. Learning-Based [LWL+21, SLCL22, ZYW+21]. learning-to-rank [SFH+14]. Least [FYSM12, LN13, WCC18, MBS15].
Least-Squares [LN13]. Leishmania [SS+17]. Length [HYW08, LPH18, RFBF+20, RW07, SSS13a, dDD18, MM14b, SSKH15].
LCW+18, NPBD16, WLZ+19, XHQ+18, YDW+21, YZG+17. Low-Rank [CDB+16, WLZ+19, XHQ+18, YDW+21, YZG+17].

Low-Resolution [HCLS11, Lower [BB04, BMT17], LPGNMF [ZWXL20]. LR [SDTK19]. LSTM [DDZ+21, SZZH22, YRL+20].


Mac1 [SDP+21]. Machine [AV12, AM12, gCLL+10, CWT+19, Che10, DZ11, GRD+21, GAR+09, HEE+18, KAS21, KSS15, LLX+16, LSY+20, LNY05b, LNY05a, LHL+19b, LQWP21, MRK18, MSKC19, MIF+18, MW21, NTL+22, RTA+16, SDN+11, SKS+19, SSS20a, SZLL11, VKS17, WBBZ19, WLL13, XJZS21, XZS+21, YJJW21, ZHSS07, ZLXL19, ZL19, AM15, EES14, SLW15].


Maintenance [FW20]. Majority [JRSS18, PI09]. Malicious [BMYC22].


Many-to-Many [CCCY20]. Map [BCL13b, CGPW06, Gra04, MTNH17, SSD19, KD15, ABS17]. Map-Reduce [MTNH17, SSD19]. MAPK [KCP19].

Mapper [CZX19, MGS+21]. Mapping [DGH*06, DSHM08, MTM+15, NJMF19, NPK+07, NTR16, RZMC17, SDA18, STO06, STB+19, TC16, YLXS17, YZG+17, CWLZ14, Jan15]. Maps [ABSI7, CBES11, JSA08, LDS+07, MRB12, VMD+08, WZA07, WCL11, ZZS07, HC14a, SDAA+14]. Margin [ZZH18b]. Marginalization [SN12].

Marker [DGH+06]. Markers [GRD+21, HCA+10, SSS13b, WCM21, MM14b]. Markov [BBH12, DGRB15, Gou06, GJY+14, JS12, KZC+15, KL11c, cLWA07, LGN+19, MG14, MPY18, PW21, RH05, RC11, SMI2, SPWF14, TM11, VF09, Vis18, WYF21, YYY+21, ZHE19].


Mathematical [AVD+12, BvdGK+11, MBK18, MBF+11, TR13, ZZ13]. Matrices [AH11, CDB+16, JS12, PRU11, ROC11, SCC+15]. Matrix [BKKG19, CHW21, DFM+11, EZW+17, GWW+22, JLwC11, JHX17, JZZQ19, LW17, LWW+22, LWW+18, LCG19, LWW+20, LWZ+21, MHHJ20, RM18, SJNS19, WL+16, WhF+20, XLY20, YD+21, YHS19, YWF+20, ZZ16, ZWXL20, ZNZ+11b, LYH+16]. Matt [DKCM12].
Max [FJJ11, LLC+, LCZN16, SR06].
Max-Correlation [LLC+, 13].
Max-Flow-Based [FJJ11].
Max-Min [LCZN16].
MaxCut [SR06].
Maximal [GRS+, KVX12, WDL+].
Maximally [BNV+, 13].
Maximization [MB16, XNYC21].
Maximize [LJZZ13].
Maximizing [GE14, ZMT14].
Maximum [ACPR10, BN06, BFK17, CCYW12, Csu04, DNs19, GRH08, GM09, GB10, HZR+, 19, LCWZ13, MRS09, Roc06, SYZ+, 13, SLB+, 08, SCPS12, TDD14, WS21, CZWT15, HKLN14, SSKH15].
Maximum-Parsimony [SLB+, 08].
Maximum-Scoring [Csu04].
MCMC [ASJ19, MMS10].
MCNF [AM19, MMS10].
MemCo [BMM08, JSA08, BSA17, DABV17, RSCX18].
Memetic [CBF+, GPMH16, GZYL22].
Membrane [AM22, FXZS22, LLX+16, NFM+12, SSP+, 17, WCM15].
Membranes [AM22, FXZS22].
MedCos [BMM08, JSA08, BSA17, DABV17, RSCX18].
Medicines [CZB+, 16].
Medication [Ano12a, SJZ19, WKSP21, YHW+21, ZBY+21].
Medication [CZB+, 16].
CEFBS06, CC09, CD08, HEF17, MW20, MMS10, SK19, TLSA18, vIKKGS08.

Minimum-Flip [CEFBS06]. Mining
[BNV+13, CLW13, CLC+17, HPL+13, HW07, JR14, JLH16, LLW+11, LHL11, LNC+05, LWG+14, LC10, MMB+13, MC07, MSS+19b, PZWC20, PR12, RMS15, SKDA19, ST06, TK05, WCMZ15, WLWN17, XTL12c, ZWTS16, ZGZ+20, Zha16, KD15, Tal+15, WSTL+15].

Minority [JZF+21, ZLZ+19]. MINT [HRP16]. Minutes [LBL12a]. MiRNA
[CLW13, CGW+16, HHCY20, LH18, PM20, SFMS18, SYKM17, XYZ19, ZYW+21].

miRNA-Disease [ZYW+21]. miRNAs [BSS+22, GWW+22, KTLM15, LDL+17, PRP21, QLZ16, ZZRPF21]. MiRTDL [CGW+16]. Misassembly [WLL+20].

Mismatch [ATX21, Chel+16, YCYC12]. Missense [MBP+19]. MISSIM [ZYW+21].

Missing [LP21, WAC+19, YPS11, ZDDW13, KS14]. Mitigate [CMSE+15]. Mitigation [FKB19].


Mixture [BTTR11, BEQD91, CGZ15, HYY11, KDS+20, LMZL17, WFCY+19, PRZ+14].

Mixture-Model [KDS+20]. Mixtures [APRS11, GM09, RdICGW09]. ML [BU17].

ML-Space [BU17]. MMIBFinder [SSLM15]. MSME [SSK+20]. Mobile [GTTR+17]. Modal [APPG18, DLY+21].

Mode [MSS19a, SPA17]. Mode [AVD+12, AGGM11, AGMP09, BKB+12, BLP+12, BA18, BEQD19, BCFC13, CP13, CSZT19, CW09a, CW11, CGZ15, CAW+19, CGLF12, CKWY12, CWC+21, DOK+21, FPC20, GXSZ17, GBS11, Gou06, GDRHL21, GJZH17, GBB+11, HZR+19, HYH11, HS08, HCLS11, HL21, IL18, JHJH12, JKNE21, JGBR15, JLZ13, JLYZ16, JLW17, JHV+19, JGW+21, KCZ+15, KDS+20, Kar12b, KHP12, LR20, LLX+11, L120, LLZ+20a, LHZ+19, LHQ+18, LYY+19, LCH19, MQOH21, MT12b, MT12a, MBF+11, NA11, NWW19, OW20, FSA21, PNP+18, QQD+21, RAA10, RC11, RST10, RZMT15, RdMcBC13, RBDJ11, SSD19, SZHH22, SNC+16, SCDC09, SMSZ17, SWX+19, SHTK19, TRBK09, Th016, TZY11, VTMG22, VSR+06, WCMZ15, WQY18, WFW11, WKE11, Wl15, WUD+12, WWT+20, XNYC21, YCX+21, YXYC13, YOGY11, YLJY21, ZMT13, ZMST18, ZDL12, ZZS18, ZHZ+20, ZZP+21a, ZZI+21, ZFH+21, ZXB11, ZYW+21, ZWY+10, ZZDV13, DKS+15]. model [HLW15, JHXP15, KY22, LWM14, PRZ+14, RTRW15, WF15, XZY+14, ZMT14, ZWL+14b]. Model-Based [IL18, TZY11, ZYW+10]. Modeling [CLST+13, CHL+12, DBTB09, DABV17, FSB+11, GGG+13, Gos11, GBB+11, HW07, JF111, KAL+17, KG12, LLES18, LW10, LCBI7, MPS18, ML18, MV8+13, MNW+04, NLXS19, PLVM12, PZ120, PPFG20, RGB+21, RCBB19, RdICGW09, RMS15, SdOD+12, SJZ19, SZGZ21, SGR+17, TV11, TML11, WLL+09, WP11, WMWA12, WBP+12, WXWL20, WLPW16, WWL+17, WCXL18, ZZ13, BF14, DI15, KPB14, KD16, MCH+15, ARZ+14, PJN+14, YMT+14]. modelled [YLH+15, ZSY+14]. Modelling [AKV6, AFMS19, BMZM15, FKB19, GPR+20, LGN+19, TAI+19, ZK16]. Models [ATA+17, AR09, APRS11, ALWG18, AAE11, BTTR11, BHMA06, Bu17, CNM11, CGPW06, Da16, EW04, FL18, FWA10, FKL507, GzS11, GZS12, HS09b, HLL+22, KC11, KL11c, LL11, cLWA07, LW13a, LLA19, LLDÅ21, MBP+18, MLZ18, MKKS20, NSNN12, PB12a, PG18, PW21, Pau18, SFB+08, SZZ+19, Sni09, SYL19].
TIA+11, THH+19, TRBK08, TBKH05, VdTVV19, VSR+06, VF09, VBG+18, WFT+19, XSS17, XWF07, ZWL+12, ZZ18, dJP08, HM15, KFHK14, SPWF14, ZSY+14, 

**Molecular** [UAH16, DB14]. **Modification** [BYZ+18, CMMZ20]. **Modifications** [TLSA18]. **Modified** [BA18, EAS12, MCCZC08, SSD+16, SKD+07, XL+18, ZLLS17]. **Modular** [RM18]. **Modularity** [HK12, WZ14]. **Modulated** [CHW+18]. **Modulator** [CRP12]. **Module** [LPH+21, MB20, NWZ+20, ZZN15]. **Modules** [JLYZ16, KZW+18, KMG+05, LLH+07, LGW20, LHC18, MSQ18, MSZ19a, MTSCO10, PM20, WLC11, XL+20, GGZ14, LLL16a]. **Modulizer** [MBB+17]. 

**Molecular** [AFAWA+11, ADPH11, BZ07, BS10a, CGFL12, CKWY12, CBES11, DM09, FSMJ05, Han10, JGKP21, KBP14, KAS21, LCW+18, NVL22, PZS+20, RPB+13, RTA+16, RCBB19, SSV+19, SMPS20, TMLI19, WKSP21, WLC11, WB11, ZGC+05, ZX11, ZZN+11b]. **Molecules** [ARP+16]. **Moment** [BBW18, MLZ17]. **Moment-Based** [BBW18]. **Moments** [AKH+21]. **MongoDB** [LQY+20]. **Monitoring** [PHT+18]. **Monte** [GJY+14, ADTAQ16, AKV16, BPM21, Bi09]. **MOPSO** [CZJ17]. **Morbid** [BM21]. **Morpho** [GRD+21]. **Morpho-Rheological** [GRD+21]. **Morphogenesis** [CHC+05, JGBR15]. **Morphology** [ZCWW19]. **Morphometric** [wTCAK+20]. 

**Morphometry** [JFR+19]. **Most** [GDRHL21, IM13, JZJ+21]. **Motif** [BNV+13, CW11, CL08, DBR07, HHL11, JL10, Kar12a, KL11a, KC11, LFS06, LMPT15, LLL10, hLMBJ11, LHL+19b, LT07, MIC+07, MM17, RLNO4, RSJ13, WLPW16, FWY+15, MMFD14, Tan14, YHV+15, Bi09, BRB21, CHK17, MMFD14, ZZ18a]. **Motif-Based** [MM17]. **Motifs** [AFMS19, ACP10, BVBF+11, BVN+11, CFOS06, CSS11, DS19, DKY21, KL19, LZL+20, PCGS05, RA16, SKDA19, SREK19, SIK20, SSFW12, WHWP12, Wer06, XCR21, ZWHH21, ZZ18, FWY+15, LWG+14]. 

**Motifs-Based** [SSFW12]. **Motility** [KBM21]. **Motion** [BM20]. **Motions** [CBES11]. **Mouse** [JZL13, NPK+07, RLRH18]. **Mouth** [QQD+21]. **Moves** [BGHM09, GZS12, HKT+18]. **MPGM** [KG20]. **MPI** [ZWLC21]. **MPIGeneNet** [GDM18]. **MR** [GMY17, QHY+19, JLY+21]. **MRI** [GMY17, QHY+19]. **mRNA** [LNW20]. **Multi** [GDC20, APGP18, BMT17, BA18, BU17, CCL+21, CCC+22, DLY+21, GSC+18, GBSB21, GZC+17, GCL+18, HZW+17, HAX+21, HXX21, JFR+19, JM21, KPK+17, LHL+19a, LJK+12, LC19, LLQ20, LZL+20, LXL+21, LLZ+20a, LDGY21, LN20, MMBC22, NHTD17, PL17, PZH20, QDZ+21, SLX+18, SDH06, SWX+19, SWL19, SSF18, TGP+15, VMCC22, WMK16, WMK17, WYHD17, WYX16, XZG+18, XSL+21, YZP+21, YRD+13, YSW+17, YLYJ21, YGY+19, ZwGC17, ZH17, ZWHC19, ZGZ+20, ZYH+21, ZWHH21, ZY20, ZHE19, CR14, GMB14, Gu16, HWK14, KK+14, LLZC15, RHH16, WHZ14, WGC+17]. **Multi-Assembly** [TGP+15]. **Multi-Bernoulli** [XSL+21]. **Multi-Block** [KKP+17]. **Multi-Channel** [BMT17]. **Multi-Core** [LHL+19a]. **Multi-Dimensional** [PL17, SWL19]. **Multi-Domain** [LNW20]. **Multi-Dose** [SWX+19]. **Multi-Epitope** [GBS21]. **Multi-Factored** [ASP20]. **Multi-Feature** [LZL+20a]. **Multi-Fold** [ZWHH21]. **Multi-Functional** [WM16].
Multi-Instance [LJK+12, WHZ14].
Multi-Label [JM12, LJK+12, SLX+18, WMK17, WYHD17, ZHE19, YRD+13, WHZ14, WGX+17]. Multi-Laplacian [ZWHC19]. Multi-Layer [QDZ+21, XW16].
Multi-Layered [WLCX18, KKC+14].
Multi-Level [BU17]. Multi-Locus [GZC+17]. Multi-Mers [WLCX18].
Multi-Objective [BA18, GSC+18, GCL+18, XZG+18, ZwGC17, RHHL6]. Multi-Omic [CC+22, YZP+21]. Multi-Onics [MMBC22, VM22, YGY07, LLCZ15].
multi-platform [GMCB14, LLCZ15].
Multi-Pooling [LLQ20]. Multi-Rank [WLCX18]. Multi-Scal [HZW+17, HLM+21, HXX21, LDGY21, ZYH21].
multi-source [HK07, LZW20, MPF12, MM+13, TGD+16, GAVRL15, MM14b, SB12].
Multiscale [BA18, GSC+18, SLX+18, WHZ14]. Multi-Scope [CLL+14]. Multi-Swarm [AL12].
Multifactor [RM13, SS+11, XAW07, YOKI09, ZC11]. Multi-Similarity [CCL+21].
Multifaceted [AL12]. Multifactor [YLD07]. Multiforme [CHW+18, ZLPW16].
Multifractal [DSVM18]. Multigenomic [GXSZ17]. Multilabel [WL13b, YRD+14a].
MultiMAGNA [VM18]. Multimeme [NTCO07]. Multimodal [GCZ18, GLX+22, HS09a, HS09b, HHCY20, LGB15, SWL19, YLWS21, LLCZ15].
MultiMAGNA [VM18]. Multimeme [NTCO07]. Multimodal [GCZ18, GLX+22, HS09a, HS09b, HHCY20, LGB15, SWL19, YLWS21, LLCZ15].
MultiMAGNA [VM18]. Multimeme [NTCO07]. Multimodal [GCZ18, GLX+22, HS09a, HS09b, HHCY20, LGB15, SWL19, YLWS21, LLCZ15].
MultiMAGNA [VM18]. Multimeme [NTCO07]. Multimodal [GCZ18, GLX+22, HS09a, HS09b, HHCY20, LGB15, SWL19, YLWS21, LLCZ15].
MultiMAGNA [VM18]. Multimeme [NTCO07]. Multimodal [GCZ18, GLX+22, HS09a, HS09b, HHCY20, LGB15, SWL19, YLWS21, LLCZ15].
Mutagenic [Che16, YCYC12]. Mutant [HLG10]. Mutants [DSZ^{+06}, GCC^{+14}]. Mutated [LGW20, SAE^{+20}, ZZ18, ZW19].

Mutation
[DSZ^{+06}, KKL20, LHD818, MYCW12, RYK^{+19}, Th016, TOYHZ19, WGK16].

Mutations
[DFM^{+11}, GGM21, HCM18, KCZ^{+15}, KKC16, LTX21, MBP^{+19}, OZW21, PBJ12].

Mut [GZXH21]. Mut-T [GZXH21]. Mutli [BYZ^{+18}]. Mutli-Fea [BYZ^{+18}].

Mut [GZXH21]. My [MZSL19]. myonuclear [SXL^{+14}]. Myosin [ZLS^{+19}].

NAHAL [FMD18]. NAHAL-Flex [FMD18]. Naive [WDS^{+12}, LW13a, SSP^{+17}]. Nakhleh [CLRV09c].


Near [BMH^{+16}, BEW09, SDB^{+07}, MW16]. Near-Linear [BEW09]. Near-Perfect [SDB^{+07}]. Nearest [AC12, AWI18, ZSC^{+10}]. Necessarily [PK13]. Necessary [Son06].

Negative [GWW^{+22}, JZQ19, JGW^{+21}, LRG^{+18}, LCH19, PNP^{+18}, RM18, TWZ16, WLG^{+16}, XL16, YHCS19, WLG^{+14}].

Negative-Transfer-Resistant [JGW^{+21}]. neighbor [HS15, LAI^{+14}]. neighbor-joining [LAI^{+14}].

Neighborhood [BS10a, GRH08, LX21, LGN^{+19}, ZLC^{+21}, MZL15]. Neighborhood-Regularized [LX21].

Neighborhoods [CCLS13, HW13, LBL12b]. Neighbors [AC12, AWI18, LLW^{+22}, MQOH21, ZSC^{+10}, LMZ14]. Nested [Wan12]. Nestedness [GF10]. Net [BR18, CMN11, LLL^{+21a}, ZLT^{+17}].

Netpro2vec [MMG^{+22}]. Nets [RPBP18, WM16]. Network [AKMT12, AKV16, ABS17, BSI11, BKS^{+22}, BA18, BRB21, BSRL05, BNV^{+13}, CDBR21, CXW^{+13}, CM120, CBM^{+20}, CMQ^{+16}, CSE^{+21}, DZM22, DFTC12, DS19, DRY21, EMK18, FHR14, GLL^{+18}, GHZ^{+22}, GLX^{+22}, GPM16, GSC17, GHL05, GZ22, HAK^{+12}, HS09b, HW07, HXS^{+21}, HGM18, HLY^{+21}, JDCC12, JY21, KCP19, KG20, KZW^{+13}, KHI^{+21}, KAHK^{+10}, LCWZ13, LCZ16, LNC^{+19}, LMZ^{+20}, LLES18, LDGY21, LLZ^{+13}, LHZ17, LLK^{+21}, LWZ^{+21b}, LLL15, LWW^{+19}, MSZ19a, MGSP22, MMB^{+13}, MGC19, MLZ18, MKKS20, MKG17, MM17, MWLS18, MWW^{+13}, NM22, NNSZ07, PSS09, PL17, PZ20, PCDP18, QDZ^{+21}, RC11, RB16, RV13, SQZA14, SVdSS^{+18}, SMPS20, SDH20a, SZHH22, SMSZ17, SCL22, SLW19, TIA^{+11}, TLSA18, TDZ^{+19}, TML119, TDK13b, TP18, TC13, TOYHZ19, VTMG22, VSR^{+06}, VM18, WHWP12, WWWW19, WYF^{+19}, WYYHZ20, WWF^{+21}, WZZ^{+21}, Wer06, WGG16, WW19, WWFO7, XW16, XOYHZ18].

Network [XYYC13, YFIC17, YG19, YCCM12, YGY^{+19}, ZZKW18, ZDL20, ZN15, ZWL15, ZHI17, Zha18, ZXLZ18a, ZXLZ18b, ZPW^{+19}, ZZH19, ZZX20, ZZZ20, ZSZ^{+21}, ZCL21, ZLG^{+21}, ZYH^{+21}, ZCL22, ZK16, ZS18, ZHD^{+21}, ZLP^{+21}, ZWD13, ADTA16, BBD16, FZM15, HWW15, LP15, MMD14, MG14, SEC10, TWZ^{+14}, WZZ^{+15}, XLL^{+15}, XSM^{+16}].

Network-Based [BSS^{+22}, CDBR21, GSC17, PSS09, RV13, SMPS20, WGG16, ZSZ^{+21}, FHR14, SQZA14].

Network-Lasso-Constrained [GLH05]. Network-Regularized [MLZ18].
Networks [DG19]. Networks [AVD+12, ARK20, AGAS18, AAI+18, AFJ12, AHC+21, ARS17, AAT20, ABS15, APPG18, AHS20, BBW18, BCMY22, BGS+12, BZ07, BCL+13a, BuBV+11, BD19, BSV10, BJ10, BPJ12, BVN+11, BCD+21, CZ20, CRV09, CLRVo09a, CLRVo09b, CLRV09c, CRKRS21, CDB+16, CC07, CW12, CXW+13, CHW+18, CCN22, CW22, CWG+18, DZH16, DS19, DB18, DT11, EAS13, ECK16, EMK18, FMRS18, FZWS17, FWXZ19, FSDR16, FSX9, FXZS22, FPPR11, FK19, PSD+11, GH08a, GPPZ20, GTL+21, GAH22, GDM18, Gos11, GBB+11, HK20, HLM+13, HB05, HC19, HS09a, HF07, HM13, HAH13, HMW+12, HLY+16, HC13, HYL+19, HHCY20, HviK511, HDK504, Hus09, INT11, IBN19, IL18, Jvl18, JBgLs19, JLYZ16, JSS+18, JZS+18, JNST09, JFN11, JHZL19, KLC22, KBND18, KN05, KP12, KCCCI15, KBM21, KSB12, KKC16, LFS06, LCS20, LSMF08, LTP22, LLH+07, LL11].

Networks [LCZ16, LT17, LLNW17, LZL+19, LHCL20, LLQ20, LPH+21, LWL+22, LL160b, LZQ+20, LNW20, LLK+21, LLYS21, LW13b, LTRW19, MSQL18, MQOHD21, MS+19, MPP+20, MBGP12, MPA15, MDH11, MPSY18, MPQY19, MDD18, MNW+04, MDPR18, Nak10, NRV09, NNNL22, NWZ+20, No7, NSN12, OMA12G+12, OYDZ15, OC13, PB12a, PAL+12, PSPM20, Pau18, PLCW17, PZW20, PH10b, PCK19, PNP+18, PB12b, PPZ12, PRI12, PSC20, PKA20, QD12, QLZZ22, RST10, RMV12, RSV+22, RRTB12, RMS15, SDOD+12, SREK19, SS06b, SSV+19, SDH20b, SZL+20, SV16, SPA17, SWSA21, SNM12, STS21, SPP21, TIA+11, TAAP11, TWW+12, TGK13, TGD+16, TV11, TGGF10, TZP17, TR07, TDK13a, UWLH15, VRK12, VBB18, WLL+09, WLP11, WWLL16, WP08, Wil11, Wil12, XWF07, XGW19, YDW+20, YKW18, YFWZ16, YLZW21, ZM12, ZLY+13, ZZN15, ZWZ16, ZZM17, ZZCD19, ZZF+19, ZWHC19, ZD21, ZSD08, ZW17, ZWDR20]. Networks [ZWD+17, ZZDW13, ZDYH17, Zou13, dJP08, vIKK+09, CZWT15, CX515, DYD15, GTDK15, HKLN14, HK14, KD15, LLW+15, MW16, MM14a, NCM215, PWC+15, RHH16, SRLR14, XG14, ZWL14a, ZWC15, OSA+21].

Neural [AHC+21, AAT20, BCMY22, CZ20, CC07, FSX19, FXZS22, GLX+22, HB05, HF07, HLL18b, HXS+21, JY21, KN05, KBM21, LSMF08, LHCL20, LLQ20, LWZ+21b, LLYS21, MGSP22, QLZ22, RMS15, SSV+19, SWL19, WYHZ20, XLZ+15, XWF07, ZZZ19, ZBB10, ZCL21].


Neutral [BWC17, OZA21]. NewGOA [YFW21]. Newton [CAW+19]. Next [BBN18, FS13b, AKD17, PNP+18, WPL15, YWW+18, CWLZ14].

Next-Generation [BBN18, FS13b, PNP+18, YWW+18].

Ngram [LCB17]. NGS [LLZ+20a, SSD19, YWW+18, YLBX21, ZnCMS17]. NGS-FC [YWW+18]. Nibble [PZW15]. niger [OMA12].

NMF [Min14]. NMFGO [YFW20].

NMR [AAG+18, CCA12, WLO7].

NNI [BEW09].

NNI-Based [BEW09].

No [Wan16].

Noah [HBC+11].

Nodal [CLR09b].

node2loc [PCL+22].

Nodes [ABS15, LP15].

Noise [AKS13, BHS21, FN14, JRN+18, NVS18, SSD12, ZZZ07, WLY15].

Noise-Induced [SSD12].

Noising [YFCM17].

Noisy [IGA18, KBND19, MDM13].

Non [CLL+21, GWW+22, HSS18, JZZQ19, KB17, KB19, LHHL19, LWF+18, RM18, VTMG22, WLG+16, WIG15, WCMB19, XL16, YHCS19, ZKKW18, ZWXL20, ABH+14, KGK14, MM14b].

Non-Binary
[KB17, KB19]. Non-Coding
[CLL+21, LHHHL9, VTMG22, ZWXL20]. non-fixed [ABH+14]. Non-Invasive
[WCMB19]. Non-Linear
[HSS18, Wig15, KGK14]. Non-Negative
[GWW+22, JZZQ19, LWG+18, RM18, WLG+16, XHL6, YC19]. non-redundant
[MM14b]. Non-Steady [ZZKW18].
Nonscaming [VWB19]. Noncoding
[LZB18, WLZ19]. Normal
[QH21]. Noniterative
[CPM18, JG11, LNY13, MHHJ20, WLF20, YFW+20, ZWXL20]. Non-overlapping
[Kur13]. Nonparametric
[LTM+13, LHTT11, LGX10, M19, TIA+11].
Norm [LZB18, WLZ19]. normal
[WDX19]. Normalization
[CLM10, DLT10, LYY+19, SWH+12, VRJ+10, RTWR15]. Normalized
[WPL15, YH13]. Normalizing [WYH17]. norms [MMSH14]. Note
[Ano10c, BS11, GPZ20]. Noun [Ozy12].
Novel [AKN07, AC12, ACSR21, CSW11, Che16, CHC+21, CW08, CW22, C2M+18, CHZ+21, DPA+17, DBN18, DKD11, DZ11, FVP+20, GBSB21, GPC+20, HZZY16, HZW+17, HLHAJ20, HL21, HLL+22, JGW+21, KHO+20, KCP18, KTLM15, LTL+19, LZX+21, LLK+22, LLZC12, LLTC19, LHC18, LWY+21, MRB12, MPF12, MMB22, MGC19, NPD+17, PSIM17, PSN+15, RBB+19, SP11, SBM15, SYKM17, SSS13b, TNQ08, TDA+09, TK05, WWC18, XWL20, YLSX17, YXYC13, YM20, YC08, YH13, YSW+17, YCZ+18, YXZD21, ZZCD19, ZY20, ZPW+21, dSPF22, CL14, GZGX14, KBP14, LLL16a, STT+14].
Novelty [CPM18]. Novel
[B09, SB12, AKR12, DST+15b, HG16, KSS15, ARZ+14, YKW17, ZFZ+20, CLVT+20, LLL+20, LLL+21b, GAJ+18, GCY+21, LLH+17, LMLZ17, ZWM+20].
NovoExD [YKW17]. NP [LGZ+17].
NP-Hard [LGZ+17]. NPPC [GMSD11].
NR [ISK18]. NS1 [RAA20]. Nsp3
[SPD+21]. nsSNPs [GED+17]. Nuclear
[HCA+10, ISK18, CZB+16]. Nucleosome
[CGZ15, CHN+18, GZGX14]. Nucleotide
[CW07, CL08, KT07, LCT19]. null
[LWM14]. Number [BB04, BHMA06, BFK17, BS07, CW09a, DR16, Gn11, MA12, MW21, NVSH18, PKRD12, PK13, QJS+20, SDCW11, TWW+20, WHXS17, XL16, XWL20, YCMC21, YLBP21, ZAN20, ZmCXS17, ZRK19, dNG17, DR14, LWM14, MMSH14, SB16]. Numbers [YH13].
Numerical [FMD18, SCCDK09]. NURBS
[IGA18].
O [HPH+15]. Object [GAH+21].
Objective
[BA18, GSC+18, GCL+18, M18, ZWGC17, RHH16, UKV18].
Objective-Based [MDD18]. Objects
[Str11]. Oblivious [CLR10]. Observable
[SPA17]. Occurrence [ZWDR20]. odd
[ESS14]. Odds [Roc11]. ODE [ZSY+14].
ODE/DDE [ZSY+14]. Off [PH10b].
Oligomeric [SKDA19]. Oligonucleotide
[HKS11, LEAK11]. Oligo
[Ano12a, C2C+22, NVL22, ZPST+21, BLC15].
Omics [MI17, MMB22, VM22, YGY+19, Zy20, PZH20]. OMIM [LTRW19].
Oncogenes [PG12, YCCM12]. One
[CHZ+21, LX21, MCHT17, QJS+20].
One-Class [LX21]. One-Sided [QJS+20].
Online [SNC+16, ZPST+21b, ZL21]. Onto
[WQC+19]. OntoGene [RSK+10].
Ontologies [HXXJ18, LQY+20, MSJP19].
Ontology [ASP20, AMGC16, BM17, CM16, CPM18, DKD10, DBK18, FLM+16, HXXJ18, IQA18, MM18, PA22, PKM06, QDZ+21, YFW+20, ZY+13, XZLL18a, XZLL18b, ZSZ+21, BM14, JC15].
Ontology-Based [CM16, FLM+16].
Ontology-Independent [QDZ+21]. Open
[Ano13c], OpenCL [MGS+21]. Operation
[BFS13, OLS+13]. Operational [WLA+13].
Operations [HS09a, OJF+21]. Operators
[GSC17]. Operon [CYT13]. Optimal
[AM19, BBN18, BHS+04, BAK06, BFK17,
Dal16, DK13, DS21, DYD15, DFM+11,
DK+21, HYW08, KQD21, MCR17,
MnO9, SSD18, SK08, SPMB13, SPP21,
THF+19, WAK13, YOKO9, pD20, ED14].
Optimality [ACC+13]. Optimization
[AKS13, CAV+19, Che16, CYTY13,
DMD13, ED15, GK08, GSX+18, GCL+18,
HKK07, HJSS18, HOS+12a, HOS+12b,
mHB13, HGM18, HRdR09, IGM+07,
JDCC12, LYW20, LPH+21, LZH18, MPPF12,
Mai09, Mat07, MLZ17, NDP+17, NHTD17,
NLW+18, ORCJ13, OHK+21, PAAG07,
RKRDR11, ScOD+12, SDS18, SB12, SK20,
SMSZ17, SB16, VGBK19, WLLL16, WB17,
WZZ+18, XSS17, XWF07, XAW07,
XZG+18, ZwGC17, ZD17, ZWM+20,
ZGB+12, GAVRRL15, Gu16, SPWF14].
Optimization-Based [ED15]. Optimized
[EFLA08, HDS+18, GH15]. Optimizer
[GSX+18]. Optimizing
[Bro05, FW20, Jam18, KBBB+17, LMZ14,
PB12, Pol11, TC16, WWH+21]. Optimum
[WS08]. Option [QBP12]. Order
[BFR17, KLCH22, KCZ+15, LCZN16,
LCGW19, MGKG17, PB12, PFGDCRM22,
Wig15, ZZH19, DWZ+15]. Ordered
[ZZKW18]. Ordering [BG17]. Orderings
[SMB12]. Orders [JSA08, HZTT14].
Organelle [ACC+13, SLX+18].
Organisation [MPDR18].
Organisation-Oriented [MPDR18].
organism [WFD15]. Organization
[ZHZ+20, ZWWM17, WZ14]. Organized
[WZ14]. Organizing [WAZ07]. Oriented
[CLH+15, LHG+16, MCD+11, MPDR18].
Origin [BPJ12, RB14]. Ortholog [VKM07].
Orthologous [CZF+05, ZSS18].
Oscillation [Wig15]. Oscillations
[WGP11]. Oscillators [VMZM17].
Oscillatory [ZLL+20]. Oshell [LHN+14].
Other [AKS13, MMBC22]. OTU [NSZK15].
Out-of-Frame [RLRH18]. Outcome
[MFF+18]. Outcomes
[HYC12, MCHT17, PGHT12]. Outer
[AM22]. Outgoing [Gus09b]. Outlier
[CWL12, OFC+14, YLBX21]. Outliers
[GAH+21]. Outline [IGA18]. Output
[Wan12]. Output-Sensitive [Wan12].
Ovarian [XLL+20]. Over-Approximation
[FL18]. Over-Sampling [ZLL+19].
Overlap [GAH+21, KD15]. Overlapping
[LHDS18]. overlaps [SSKH15].
Overproduction [DMD13]. Oversampling
[JZF+21]. Overview [CBK20, LMK+10].
OWL [LQY+20]. OWL-Based [LQY+20].
P [CXS15, TAL+15]. P-Finder [CXS15].
p53 [DSZ+06, ZLL+20]. p53-Mdm2
[ZLL+20]. PacBio [LLBL20, LZW+20].
Pacific
[HC15, WLC18, YSC19, ZPC+21, ZC14].
Packed [LLWQ21]. PageRank [PWZW15].
Pair [BNV+13, CLM10, KK120, Tsa12,
WZ13b, ZG19, ZGHD16, OFC+14].
Pair-Wise [ZGHD16]. Paired
[LLH+17, WLL+20, SKK14]. Paired-End
[LLH+17, WLL+20]. Pairing
[BWS05, JBP08]. PairProSVM [MGK08].
Pairs [BHS+04, ZSS18]. Pairwise
[ALQ17, AH11, BAK06, DK13, MGK08,
VF09, ZLY+12]. palindromes [RB14].
Palytoxin [BCFC13]. Pan
[CRK+19, CCC+22]. Pan-Cancer
[CCC+22]. Pan-Genomic [CRK+19].
Pancreas [PLC+20]. Pancreatic
[BMH+16, VDS+20, MFS+15]. Pandemic
[BPJ12]. Panmictic [Wu10]. Papers
[Ano05b, Ano09c, Ano12a, Ano13d, Ano13b,
Ano13c, Cat17, Kim18, LC10, YGFC20,
YTC21, AS15]. ParaCells [SYL19].
Paradigm [SSD19, XG14]. Parallel
[BPM21, BBK+12, BBH12, Dem12, GLS+16,
Parallelizable [ATX21]. Parallelization [ZWcF17]. Parallelized [HTLL12].
Parallelizing [GDWX+15]. Paralogous [ZWS18]. Parsec [AAROS16].
Parameter [BBW18, BS11, BBK+12, BS07, CANG+19, DK17, FKLS07, GB10, HF12, MNND13, PK13, STS21, SGH12, WWC18, ZGL+12, Gu16, HLW15, ZSY+14].
Parameter-Advising [DK17]. Parameter-Free [HF12]. Parameterized [BN06, BVBF+11, SLH+06a, SCC+15].
Pareto-Fronts [MR13]. parity [EES14]. Parkinson [ZWS+18]. Parsimonious [CLH13, USM19, MW16]. Parsimony [ACPR10, BFK17, BVD+10, BH06, DST07, GRH08, GE18, GM09, HZT+19, ICL11, JNST09, LLT+19, NNSZ07, SH06, SLSB+08, TBGL10, WMS09, vKLS08, KO15].
Parsing [RAA10]. Part [Cas06, Cas07, KJ04, LNY05b, LNY05a, KJ05]. Partial [BBK+07, HYY11, HDKS04, KK08, MMS10, QQZ2+21, ST19, STB+19, Snii09, TGGF10, WWC18, ZOZ10, MBS15]. Partially [SPA17, LV14]. Particle [BU17, CINTY+13, GXX+18, HKT+18, HGM18, NPD+17, NHD17, SIK20, WZZ+18, XWF07, XAW07, Zwg17, ZCR+17, GLZ+14, SPF14]. Partition [MA+09, TC16]. Partition-Optimization [MA+09]. Partitioned [LWS+20].
Partitioning [ACPR10, HKLN+14, BM15].
PASA [JWZ+20]. Path [BCL13b, DNS19, HWPE17, HS08, LTL+19, ME19a, ME19c, SK19, Val11, WL19, ZD17, ZZRPZ19, ZFZL22, BM14, ARZ+14, SVM14]. Path-Difference [ME19a, ME19c, WL19]. Pathological [LK+22]. Paths [MMS10, TG+15]. Pathway [AJD+12, BEQD19, CNM11, HHY07, JHEN21, KDS+20, LK+22, LH18, PPM+13, PIPC18, RAM17, STD20, TP18, WK16, YMY20, YG19, ZW19, ZW19, ED14, LYYH+16]. Pathway-Based [BEQD19, YG19]. Pathway-Induced [TP18]. Pathways [ATA+17, AAD+18, AFMS19, CCN22, DMD13, ED15, FKLS07, GL+16, KCP19, KSN+12, SBRK11, UWLH15, YYY+21, ZZ13, ZZ18, GJPS14].
Patients [FLJS20, GLX+22, HEE+18, MFF+18, PV+20, PSA21]. Pattern [BHS+04, CLT+13, CLZ+18, GJG+06, Han10, HPL+13, LSTV+17, LK+12, LCW+18, MB16, RB16, RSY+22, ST006, SHJL10, WMWA12, ZYW17, ZZN+11b, ZAA11, ABH+14, KD15, MAMA14].
Path-Labeling-Based [MB16]. Patterns [BKR08, BIBD21, CLW13, CLC+17, GBA04, HLL+22, MM15, ML18, MB16, MCT17, PG06, PCGS05, SB09, XL16, ZGC+05, CA14, GAVXRL15, KGK14, TLYH+16, WL14].
PBN [MPSY18]. PC [LHL+19a, TSMG+13]. PCID [HBYW+17].
PCR [Cha16, YCYC12]. PCR-RFLP [Cha16, YCYC12]. PCs [LHL+19a]. PDZ [HZTP12]. Peak [PH10a, YLXS17, YYY+12, YLL+06, ZLW+11].
Penalized [BKR08, BIBD21, CLW13, CLC+17, GBA04, HLL+22, MM15, ML18, MB16, MCT17, PG06, PCGS05, SB09, XL16, ZGC+05, CA14, GAVXRL15, KGK14, TLYH+16, WL14].
Penalty [LNR+09, LLI+10, YZG+17]. Penetrating [WCLY20]. Pepsin [AHT+18].

Plexus [PNP+18, TGGF10]. Pluribus [SLGK17]. Pneumatic [SNC+16].

Pneumothorax [WSJ21]. Pockets [RTA+16]. Point [BCF+07, CW09a, CBM+20, FGKHi11, HC07, KKI20, LFF18, RKZi16]. Points [IGA18, PS15, SKK14]. Poisson [WZA07].


Population [AN21, CLS19, GBSB21, LLX+11, LHQ+18, LT07, NJMF19, PR18, SLH06b, TBRS11, VdTVV19, ZRK19, ZZ+21, LAI+14].

Population-Based [ZZ+21]. Population-Differentiation [ZRK19].

Population-Structured [NJMF19].


Position-Specific [AH11, JLwC11].

positional [KD16]. Positioning [CHN+18].

Positions [CGZ15, GZGX14].


power-law [LWM14]. Powered [CHL21].

Powerful [AAP+06, GDM12, VTGC16, IM14]. PII [GTL+21, HC19, HC13, LCWZ13, LLW+15, LLNW17, LTRW19, MQOH21, OC13, TDZ+19, VBG+18]. PPIs [LZ18b, ZLZ+19].

pplacer [LFK16]. Practical [DBR07, HLY+16, HvIKS11, ME19a, PVB+12].

Practice [SDB+07, BF14]. PRBP [MGX15].

Pre [ZLL21, SYKM17, TSM14, KTLM15].

Pre-Diagnosis [ZLL21]. pre-miRNA [SYKM17]. Pre-miRNAs [KTLM15].

pre-processing [TSM14]. Precise [ZANN20, ZLS+21]. Precision [SJZ19].


Predator-Prey [ZD17]. Predict [KAS21, LSY+20, LWZ+21a, LZZ+16, WCLY20, WWT+20, ZLG+21, ZHG20, TW10]. Predictable [UWLH15].

Predicted [CPM18, RSG18, Xu05].

PredictFP2 [WWT+20]. Predicting [ATA+17, DZH16, DKDD10, EMDH11, FYSM12, FWY19, FPC20, GW+22, GLX+22, GJPSV14, GLW12, GED+17, HZW+17, HC17, HLY+17, HHL+20, HMK+07, HXX21, JH12, JZJ+21, Jia10, JM12, JHXP15, KLCH22, KKI20, KTLM15, LVL+18, LNC+19, hLMBJ11, LWL+20, PLF12, PLCW17, QLZZ22, QD+21, QWC+16, RMV12, SDH20a, SMB5, TWPZ14, TR07, WFD15, WMK16, WCC+18, WYHZ20, WXWL20, WWBZ19, WLL13, YWW+19, YDZ+21, YZG+19, YKW18, YH+19, YRD+15, YFWZ16, YFWZ18, YLJY21, ZLF+21b, ZGC+05, ZLZ+19, ZZHI9, ZWX120, ZZBH20, ZYH+21, ZWHH21, ZHS12, ZZDW13, vBdRD+11, BDBH15, GZGX14,
Prediction
[AHC+21, AFAAW+21, AL12, AM12, AAZ11, BM17, BYZ+18, BMR21, BSR+21, BS10a, BM20, CSW11, CC07, CWL12, CHZ+16, CZDZ22, CGW06, CTPY13, CBF+18, DNS19, DPS+13, DCM20, DFM+11, DCVC11, EZW+17, FSDR16, FSX19, FXZS22, FB19, FWA10, GSC+18, GZR+18, GM22, HZZY16, HEE+18, HZTP12, HYC12, HCLS11, HHCY20, HRDr09, IDD13, JBP08, JLwC11, JQH+20, JLK+21, JKN+12, KCD+12, Kar12a, KS18, KNTB18, KZW+18, KMB21, KAP+12, KY19, LSMF08, LQV+13, LN21, LPH18, LH20, LLRLZ15, LLX+16, LYL+17, LC19, LZX+21, IWL+22, LX21, LZ18b, LHL+19b, LZQ+20, LWZ+21c, LBQ+13, LLW+22, LDL+17, LTRW19, MGL+12, MGXS15, MGSP22, MKG20, MP19, MK16, MLZ18, MMP11, MSS13b, MFF+18, MW21, NZR11, NNLS12, NNLT22, NVL22, OM07, P09, PS19, QL16, QL09, QBPEI12, RLR20, RFFB+20, RP13, SFMS18, SMRP15, STD20, SSS13a, SDH20b, SZHH22].

Prediction-Based [BM20]. Predictions
[BRZ+17, DPW12, KL11a, NSAH19].

Predictive
[ALWG18, HW07, JKNE21, LLX+11, VG+18, ZZP+21a, AM15, CBN15].

Predictor [MGXS15, ZCL21]. Preference
[SZHH22]. Preferences [SDH20a]. Prefix
[KK19]. Pregel [GCY+21]. Pregel-Like
[GCY+21]. Pregnancy [BIBD21].

prematernal [WDX+15], PREMER
[VBB18]. Preprocessing [ICL11, ZANN20].

PreProPath [UWLH15]. Presence
[MSG18, DLY15]. Preserve [BMM06].

Preserves [RBDJ11]. Preserving
[ANR11, BKP+19, BMM08, FZM20, HBM19, RTPM+19, SJNS19, ZDYH17].

Pressures [CS15]. Preterm
[FMA+20]. Prey
[BDJ17]. Primary
[YYZ+19]. Primer
[Che16, YCY12]. primers
[CFIS+15].

Principal
[BM18, GPC+20, Han10, HLG521, LWW+21, dCAR11, LLH+14, Nye14].

Principle
[BGHM09, CCCY12].

Principles
[PR18, Tho16]. Prior
[KB20, QZZ+21a, TAAP11, ZWHC19].

Prioritization
[CML16, CPM18, GSC17, PBV+20, WZC+21].

Prioritizing
[XPH12, ZZRPZ19]. Priors
[BEQ19, ED14]. Privacy
[AJM18, ANT19, BBH+18, BMCY22, BKP+19, MZSL19, RCP+18, RTPM+19, SJNS19, WAG19].

Privacy-Preserving
[BBK+19, RTPM+19, SJNS19]. Private
[BKL518, GFC16, MZSL19]. pro
[WFD15, dSPFF21]. Pro-
[dSPFF21]. pro-longevity
[WFD15].

Probabilistic
[BTTR11, BCFC13, CHL+12, CMQ+16, DHC12, ED15, FFT16, HZZT14, JMA17, JZL13, JFN11, KC11, LEAK11, MHKR12, MPS18, MPSY18, MSS13b, NGY+16, SREK19, SSP+17, TML119, TZY11, TDK13a, TDK13b, WPL15, ZK16, FHRG14, GTDK15, PJJ+14]. Probability
[INT11, CZWT15]. Probe
[CZ20, KKP+21, LEAK11, MSH+11].

Probes [HKS11]. Probing
[ZD17].

Problem [AP07, AKR12, BE08, BEW09, BS11, BMM08, BKP+07, BS08, BODD20, CLH13, CCA12, CC09, CHC+21, CBF+18,
DPS⁺¹³, GGP₀⁸, GRH₀⁸, GB₁₀, GG₁₁, HYW₀⁸, IMA₁₃, LLT⁺¹⁹, MKS⁺¹⁷, NNSZ₀⁷, PHX⁺⁰⁸, Pol₁₂, QSJ⁺²⁰, SZ₁₁, SM₀⁸, SK₁⁹, SSS₂⁰α, WKLL₁₂, Wan₁₆, YHY₁₃, ZW₁₃, dDD₁₈, dNG₁⁷, KD₁⁵, ARZ⁺¹⁴, Tan₁₄, YHY⁺¹⁵, HBC⁺¹¹.

Problems [BBS₈₀⁸, BN₀⁶, CW₁₁, FM₁₁, LGZ⁺¹⁷, LCC⁺¹¹, MMB⁽²⁾₂₂, RZM⁽¹⁾₁⁷, UKV₁₈, WBE₁₃, vIKK₀⁸, vIJJ⁺⁺²⁰, KS₁⁴].

Procedure [ICL₁₁, NSN₁⁹, MBS₁⁵].

Procedures [LGC₁⁰]. Process [CGZ₁⁵, GLS⁺¹⁶, LLD₂¹, RdiCGW₀⁹, RGGO₁⁰, TC₁₃, YBG₁⁰, PRZ⁺¹⁴].

Processes [AAF⁺¹³, ABV₂¹₂, GGM₂¹, NFM⁺¹², RKZ₁₆, ZC₁⁷, HM₁₅, MCH⁺¹⁵].

Processing [Dem₁²₁, GSK₁₃, HCQ₁⁴, OLS⁺¹₃, SSD₁⁹, WYY₁⁶, WMW⁺²¹, ZDL⁺¹⁹, CFIS⁺¹⁵, MM₁⁴α, TSM₁⁴].

Processivity [ZLS⁺¹⁹]. Processor [RA₁⁶, XLZ⁺¹⁵]. Processors [MTM⁺¹⁵].

Prodrug [MWD₁¹]. Produce [DRS₁²]. producing [DR₁⁴]. Product [CP₁₃, LTM⁺¹³, PKM₀⁶, SHS₁⁵].

Production [LCH₁⁹]. Profile [BPM₂¹, HVG₀⁴, MKG₀⁸, PW₂¹, TTWR₁₃, ZZY⁺¹⁷, ZZX₂₀]. Profile-Based [TTWR₁₃]. Profile-Guided [ZZY⁺¹⁷].

proiler [CA₁⁴]. Profiles [BGS⁺¹², CMM₂₀, CGP₀⁶, HHY₀⁷, IVA₁¹, JQH⁺²⁰, KCC₁⁵, LN₂¹, MSSI₁⁹α, PKR₁², POS⁺¹⁸, QV₁⁷, SSS₁³β, SB₀⁹, WPL₁⁵, YLY⁺¹², YOKI₀⁹, YCY⁺¹⁴].

Profiling [FSMJ₀⁵, HCA⁺¹⁰, KKK₁⁹, NS₁⁹].

Profilable [UWLH₁⁵]. Prognosis [HL₁², MCHT₁⁷, SZL₁¹, SWL₁⁹, ZLPW₁⁶].

Programming [BRB₂¹, BK⁺⁰⁷, BCD⁺²¹, BH₀⁶, CLH₁₃, CSSS₁⁶, CLR₁⁰, HT₀⁹, MIC⁺⁰⁷, OC₁³, PI₀⁹, SLB⁺⁰⁸, VKS₁⁷, VBG⁺¹⁸, WYL₀⁷, WC₁⁴, YGY⁺²¹, ZFZL₂², LV₁⁴].

Programs [DKY₂¹]. Progression [CSSS₁⁶, PSS₀⁹, RB₁⁶, RM₁⁸, SSK⁺²⁰, WKG₁⁶, ZLH⁺¹⁷, ZW₁⁹].

Progressive [GRH₀⁸, GZYL₂², HVG₀⁴, SLCL₂²].

Project [HLLO₁⁹]. Projection [PYL⁺²¹, RLV₀⁴, WCQ⁺¹⁹]. prokaryotes [MBS₁⁵], proline [AJYᵀ⁺¹⁵, YMT⁺¹⁴].

Promising [MKKS₂⁰, YJJW₂¹, WLG⁺¹⁴].


Propagation [HM₁₃, NM₂², GBLZ₁⁴].

Properties [AGGM₁¹, DGY₀⁵, DR₁⁶, DBK₁₈, KS₁⁸, NRV₀⁹, RbdJ₁¹, TR₁³, WLL₁₃]. property [KG₁⁵]. property-driven [KG₁⁵].

Proportional [HL₁¹]. Proposal [Pre₀⁴].

Prostate [FYZ⁺¹⁹, KCP₁₈, XHP₂₀, ZLXL₁⁹].


Protecting [RCP⁺¹⁸]. Protection [MZSL₁⁹, YCX⁺²¹].

Protein [ACP₂², ASJ⁺⁰⁹, AC₁², ACSR₂¹, AM₁₂, ADPH₁₃, AAE₁₁, BCS₁₁, BM₁₇, BPM₂¹, BWC₁⁷, BYZ⁺¹⁸, BSV₁⁰, BTYC₁₃, BM₁₂, BNV⁺¹¹, BNV⁺¹₃, Bro₀⁵, CCBR⁺²¹, CCA₁², CLST⁺¹³, CC₀⁷, CWL₁², CHZ⁺¹⁶, CZW⁺¹⁸, CCH⁺²¹, CDK₁⁰⁹, CGP₀⁶, CBF⁺¹⁸, CHK₁⁷, DLT₁₀, DKCM₁², DZA⁺⁰⁶, DNS₁⁹, DPS⁺¹³, DDS⁺¹⁷, DS₁⁹, DCVC₁₁, DSCM₂⁰, ECK₁⁶, EMK₁⁸, ED₁⁵, FSDR₁⁶, FSX₁⁹, FFJ₁¹, FXZS₂², FMD₁⁸, FB₁⁹, FWA₁⁰, GSC⁺¹⁸, GB₁⁵, GED⁺¹⁷, HBRU₁₃, HK₂⁰, HLV⁺¹⁰, HCN⁺¹⁹, HHZY₁⁶, HYY₁⁷, HC₁₈, HC₁⁹, HZL⁺²⁰, HCLS₁¹, HC₁₃, HC₁⁷, HLDZ₁⁷, HLZ⁺¹⁷, HYL⁺¹⁹, HMK⁺⁰⁷, mHB₁³, HRdR₀⁹.

IQA₁⁸, IDD₁³, JJIH₁², JlwcC₁¹, JLYZ₁⁶, JM₁₂, JDHL₂⁰, JGKP₂¹, KCP₁⁹, KL₁⁹, KKL₂⁰, KAHK⁺¹⁰, KAP⁺¹², KSK⁺¹⁸, LS₁⁰, LDS⁺⁰⁷, LRM₀⁸, LSTW⁺¹⁷, LH₂⁰, LFF₁⁸, LLH⁺¹⁰, LBL₁²α, LZ₁⁸α, LNC⁺¹⁹, LW₁⁹α, LMZ⁺²⁰, LSY⁺²⁰, hLMBJ₁¹,
LZX20, LLW10, LLZ+13, LL19, LCGW19, LQZ+20, LCH19. Protein
[LG15, LC17, LWD+21, MSZ19a, MGS12, MGK08, MS1P19, MB20, Mam05, MK16, MB+13, MPS18, MCCZ98, MKH11, MCD12, MSK19, MPM11, MS13b, MDM13, NHR11, NH+17, NLX19, NW19, ORC13, OM07, OYDZ15, PCL+22, PLF12, PA22, PLCW17, PR12, Pol11, Pol12, Pol13, PSN+15, QLZ22, QLZ16, RFFB+20, Roc11, dSRCT+11, RSG18, RSP08, RGN+09, SZ11, SYM+10, SDS18, SN12, SDH20a, SZH12, SH11b, Shi10, STB+20, SLQ19, SBM15, Str11, SSF12, SSF18, TRK08, TRK09, Ts12, VMD+08, VBG+18, WMK17, WLYZ+09, WLP11, WSX11, WLMW+11, WL13b, WYHD17, WMW+21, WZC+21, WP08, WX+19, WHKK07, WAK13, WLL13, WLPW16, WOY17, WLG+21, WZ13b, XHY+18, XPHY11, XTL12c, XGW19, YHY12, YHY13, YDM+08, YSGZ20, YKWK18, YHZ+19, YRD+13, YRD+14a, YRD+14b, YFWZ16, ZD12, ZLY+12, ZDL12, ZLY+13, ZWC17, ZY+17, Zha18, ZHZ19, ZWXL20, ZWM+20, ZZH20]. Protein
[ZZDY13]. Protein-Coupled [WLG+21].

Protein-DNA
[ASJ+07, CLST+13, HLZ+17, LSTW+17]. Protein-Ligand [AM12, WLL13].

Protein-Peptide [YHY12].

Protein-Protein [AC12, ADPH13, BCS11, BSV10, BVN+11, BNV+13, DSCM20, ECK16, FSDR16, GED+17, HLV+10, HMK+07, JLYZ16, KAHK+10, LSY+20, MSGP22, MB20, Mam05, MDM13, NNW19, OYDZ15, PR12, RSG18, SBN15, Ts12, YKWK18, YHZ+19, ZLY+12, ZDL12, ZLY+13, ZZDW13, ZDYH17]. Protein-RNA
[KGK14]. Protein2Vec [GTL+21]. Proteins [AM22, AHK+21, CYJ+19, DBK18, FL18, GAR+09, HCA+10, HL10, KNTB18, LW120, LCW13, LLX+16, LYL+17, LLNW17, LNC+19, MGL+12, MGXS15, NLG12, QL16, QWC+16, SKDA19, SP11, SSS+11, SPP+17, Tah18, TR07, WMK16, WB+12, WLP12, WKE11, WZ13a, YFWZ18, ZLF+21a, Zha18, ZXLZ18a, ZXLZ18b, ZZ20, ZCL21, ZZDY13, ZFBK10, dAc17, DGR15, GJK15, LLW+15, PWC+15, TZP14]. Proteome
[MS1P19]. Proteomic [MCC16, RLRH18].

Proteomics [KBBD+17, PH10a]. Protocol
[JHW+19]. prototype [EES14]. Protozoan
[AS20, JCF13]. PseAAC
[AHK+21]. Pseudo
[AM22, PH10a]. Pseudo
[AM22, AHK+21]. Pseudogene
[ZJW17]. Pseudoknot [CC11].

Pseudoknots [Jia10, MWL12, RAA10, SW17, WHS04, WLYL12]. Pseudomonas
[AM22]. PSO [SSS+11, AV17, HYW+17, MM14b, ZW+12]. PSO-based [MM14b]. PSPEL
[LYL+17]. PSSM
[LM21]. Psychological [XLX+21]. Psychologically
[TQN08]. Pubcast [GTTR+17].

[BVD+10, BH06, HVG04, ICL11]. Purely
[MSK19]. purification [CWZW15]. purification/mass [CWZW15]. Push
[HLN20]. Putative
[CAN+08, LPH18, SPS+17, YCCM12]. PyMut
[LHDS18]. Python [CSZ+19].


r [SIM12, BBH12, VPB15]. R-based [VPB15]. R5 [LSMF08]. R5X4 [LSMF08].


Ranked [DRS12, DR14]. Ranking [AM12, CJH+21, DLT10, EFLA08, LJL+15, LL19, LWZ+21c, LGX10, PRP21, RMV12, RV13, SPMB13, Ts12, ZLZ06, ZWSX12]. Rapid [BPM21, PAK20, XCL+15]. Rare [BIBD21, SVE21, LLH+14]. Rarely [LGW20]. Rate [AGMP09, CRKRS21, GGP08, GCB+18, HLM+13, HZL+20, JS12, LKY+11, SS04, XSS17, YAB13, ZMT13, CWS15, ZMT14].


RBioCloud [VPB15]. RBSS [HP+15]. RDCurve [LXG10]. Re [YLX17]. Re-Mapping [YLX17]. Reacheability [GTDK15, Gos11, LT17]. Reaction [BBW18, CRKRS21, FMRS18, FZWS17, HLM+13, HLM+13, LR20, MKKS20, MPR18, SWSA21, TLSA18, TSP17, VSR+06, SYV14].

Reaction-Based [LR20]. Reaction-Diffusion [FZWS17]. Reactions [BCFC13, DB14, XLC+15]. Reactive [GLS+16]. Read [AKLJ17, JZW17, AKD17, LKW+19, LLL+20, LWS+20, MGS+21, MTM+15, ML18, TED+12, TC16, YYX+21, CWLZ14, FSL+15]. Readable [HLG10].

Reading [GFP08, L20]. Readmission [WCC+18]. Reads [CBK20, KK19, LZZ+20, LLL+21b, LLB20, PL11, SB+19, SC22a, WLL+20, ZFZ+20, FSL+15]. Real [GPC+20, HG16, LKW+19, WSJ21].

Real-Time [GPC+20, HG16, WSJ21].

Rearrangement [BMM06, BFM13, CZF+05, FMI11, HWS+18].
Rearrangement-Based [BFM13].
Rearrangements [BG05, FM13, HBM19, BS15]. Reasoning [BDS12, BD19].
Rearrangement-Based [BJ10, BPJ12]. RecA [SB12].
Recalibration [BM08]. Receiver [WLA+13]. Receptor [HBRU13, JGKP21, STT+14].
Receptor-Binding [JGKP21].
receptor-ligand [STT+14]. Receptors [ISK18, KAL+17, WLG+21].
Recipe [LLX+11]. Reciprocal [QLLX10].
Recognition [ASJ+07, AV17, FLW12, HLSR18, HGC+20, LJ20, LCGW19, LWZ+21b, TGPL16, VKS17, WYF21, XNYC21, Xu05, ZZCY10, ZZP+21b, ZCWV19, DPL+14, HK15, MNA14].
Recombinant [Wu11]. Recombination [BB04, NNSZ07, NLHL17, GPF+20, HAK+12, HWPE17, IGA18, KSMT19, LHH13, LLZ+13, LCSW18, PKA20, Roc06, SDB+07, Str11, VMD+08, WYL07, CXS15, HZT+14]. Record [GLY+21, Jam15].
Records [HXXJ18, SGR+17]. Recovering [YHCS19]. Recovery [SMK22].
Rectangular [GZS12]. Recurrence [SMRP15]. Recurrent [CC07, HB05, KBM21, SDH20b, XL16, XLW20, XWF07].
Recursive [LZX20, LHY+11, MT11, PWY+21]. Red [GRD+21]. redesign [STT+14].
Redesigned [NLW+18]. Reduce [MTNH17, SSD19]. Reduced [BPP+13, CLRV09c, HZTP12, Nak10, PB12a, SSS+11].
Reduced-Order [PB12a]. Reduction [BHMA06, LRM08, MBKK18, Pau18, RBdJJ11, ST05, SCDDK09, YLC20].
Refine [XLL19, ZWLZ21]. Refined [ACP22, LNY+19, WL22].
Reconsidered [WLX13]. Reconsider [GDRLH21].
Reconstruct [AJD+12, BA18]. Reconstructed [OSA+21].
Reconstructibility [MNW+04].
Reconstructing [CW09b, HMY+12, HvIKS11, KP12, LP21, NNSZ07, SW09, TBRS11]. Reconstruction [BM13, CDB+16, CH11, CXW+13, GPF+20, HAK+12, HWPE17, IGA18, KSMT19, LHH13, LLZ+13, LCSW18, PKA20, Roc06, SDB+07, Str11, VMD+08, WYL07, CXS15, HZT+14]. Record [GLY+21, Jam15].
Records [HXXJ18, SGR+17]. Recovering [YHCS19]. Recovery [SMK22].
Rectangular [GZS12]. Recurrence [SMRP15]. Recurrent [CC07, HB05, KBM21, SDH20b, XL16, XLW20, XWF07].
Recursive [LZX20, LHY+11, MT11, PWY+21]. Red [GRD+21]. redesign [STT+14].
Redesigned [NLW+18]. Reduce [MTNH17, SSD19]. Reduced [BPP+13, CLRV09c, HZTP12, Nak10, PB12a, SSS+11].
Reduced-Order [PB12a]. Reduction [BHMA06, LRM08, MBKK18, Pau18, RBdJJ11, ST05, SCDDK09, YLC20].
Refine [XLL19, ZWLZ21]. Refined [ACP22, LNY+19, WL22].
Reconsidered [WLX13]. Reconsider [GDRLH21].
Reconstruct [AJD+12, BA18]. Reconstructed [OSA+21].
Reconstructibility [MNW+04].
Reconstructing [CW09b, HMY+12, HvIKS11, KP12, LP21, NNSZ07, SW09, TBRS11]. Reconstruction [BM13, CDB+16, CH11, CXW+13, GPF+20, HAK+12, HWPE17, IGA18, KSMT19, LHH13, LLZ+13, LCSW18, PKA20, Roc06, SDB+07, Str11, VMD+08, WYL07, CXS15, HZT+14].
RPCA-based [LXZ+15]. rRNA [LW13a]. RS [SHK14]. rSPR [CRNW20]. Rugged
[RIJNN18]. Rule [AHK+21, BU17, DMD13, FL18, HLG10, JRSS18, MC07, Val11,
WHW21, TAL+15, WSTL+15]. Rule-Based [BU17, FL18, TAL+15]. Rules [AMGC16,
GBB+11, NZR11, PAAG07, SDN+11, YLI12].
Rumen [ZWDR20]. Run [QD12].

S [LWZ12]. S-System [LWZ12]. S2 [BCMWM15]. Safe [JZF+21]. Safe-Level
[JZF+21]. Safely [ST19]. SAFETY [SAM+19]. Saliency [SLCL22]. Sample
[ALQ17, BB04, CLZ+18, HC07, LLH18, PH10a, PH10b, SLH06b, WDL+22, YHB12,
GRDV14]. Sampled [AGAS18, CSSS16, SWSA21].
Sampled-Data [AGAS18, SWSA21]. Samples [CMQ+16, HKM+18, LWG+18,
WLZ+19, XLW20, YLWS21, ZLZ06, ZHJ17, RHK14, XLWL15]. Sampling
[AM19, BO12, HLHAJ20, MMS10, MSS13b, RNJN18, SN12, TGLP16, TRBK09,
ZZY+17, ZLZ+19, ZZZW19, SHK14].
Sampling-Based [TGLP16]. Sapiens
[LudSch10]. SARNa [TW10].
SARNa-Predict [TW10]. SARS
[CHZ+21, JGKP21, SDP+21].
SARS-CoV-2
[CHZ+21, JGKP21, SDP+21]. SAT [DT11].
SAT-Based [DT11]. satisfying [TSM14].
Saturation [ACP10]. SBML [CPQ08].
Scaffold [JZS21, LJZ23]. Scaffold
[TLT+19, LCSW18]. Scaffolds [RBB+19].
Scalable
[BZ08, GZG17, GFG+21, GCC+21, GMP08,
KG20, PZS+20, WLG+21, SDA+14]. Scale
[ALR+13, BBH+18, DSH08, DWSB11,
FWXZ19, GJZH17, GSX+18, GFG+21,
GHL05, HAK+12, HZW+17, HXL+21,
HXX21, JGBR15, JLYZ16, LFK16, LSM+21,
LSY+20, LDGY21, MPA15, MKKS20,
OHK+21, OC13, PZS+20, QBPEL12,
SNK+22, SSS20a, SDH20b, TBRS13,
YLL+06, ZZF+19, ZYH+21, IM14, SHK14].
Scale-Invariant [LSY+20].
Scale-Space-Based [YLL+06]. Scaled
[AC12]. Scales [SHUP19]. scaling
[AMBK14]. Scalogram [NVSH18].
Scattered [MZ17]. SCDA [YKG+21].
Schafer [RG13]. Scheme [STB+20].
Scheme [CWCJ21, HZL19, NH+17,
PPM+13, SSS13b, ZCG+18, ZWHH21].
Schemes [KK08, LRM08, OM07, ZWL14a].
Schizophrenia [DHCW18, WHF+20].
Schmidt [GZG17]. science [IM14].
Scientific [HVD18]. SCJ [FM11, LLT+19].
SCOP [AV12]. scope [HWK14]. Score
[JNST09, Roc11, Tsa12, LJL21].
Scores [CLST+13, SSK+20, WOYL17, XPH20,
ZLLZ17]. Scoring
[AM12, Csu04, GZFT15, JLwC11, JBGLS19,
KK08, LLZ+20a, MSKC19, PA22, PSN+15,
AM15, OFC+14, RB14]. Screening
[CHW21, GZYL22, HF07, RAA20, SDP+21,
SDTK19, UJ09, ZPW+21, GCC+14,
KKC+14]. Screens [STB+20]. scRNA
[FSNF21]. scRNA-seq [FSNF21]. SCS
[FLW12, ZZC10]. SDE [MCH+15].
SDMF [SB16]. Search
[AKS13, ARP+16, BPM21, BG05, Bro05,
CC12, CBFF12, DBR07, FLM+16, FS18,
GDLRH21, HZYY16, LFS06, LTT13,
ME19a, ME19c, MSS13b, WSM12, NI07,
PG12, SZ11, SS04, Smi09, SMSZ17, SJNS19,
SB09, TDY+18, Zha07, ZWC17, ZKW19,
ZLC+21, dJP08, CM15, DGR15, KFKH14,
LM14, SHK14, SSKH15, Tan14, YHV+15].
Searches [BEW09, CW07, CWD15].
Searching [DWZ+15, GZC+17, KP12,
MWL+12, RBlvMPG16, TZY11, ZHEB05].
second [BCMWM15]. Secondary
[AS05, AL12, BRZ+17, CC07, CGPW06,
HVG04, Jia10, KAP+12, LZZ+16, LBQ+13,
NA11, NZR11, NSAH9, RP13, TW10,
WDH08, WHS04, Yau22, ARZ+14, SEC15].
Secreted [SSS+11]. Secretion [RSCX18, SZCX19]. Secretory [DADF+10].

Section
[BLP18, BPW17, BPRZ11, CLS22, CNS22a, Cas07, CZ12, FS12, FS13a, FJJC18, GH08b, GJH19, Gus09b, GM16, H1M17, HB1G16, HB1G17, HB1G18, HB1G19, HB1G20, HB1G21, HMS09, KJ04, KJ05, MPZ07, MPZ08, MPSZ09, MWZ13, MSZ19b, MPZ10, MJ18, RZFO7, TS17, TS18, TH18, WYYX16, WLWN17, YS17, ZC15, dSK13, CEG14, RZF07, TS17, TS18, TH18, WYYX16, WLWN17, YS17, ZC15, dSK13, CEG14, LW15, MKARB16, PR14, SA15, XHS15].

Sectional [WGK16]. Secure [JHW+19, RTPM+19, SAM+19, SJNS19].


Segmental [CGPW06, FM12].

Segmentation [ALR+13, DFA+17, HLX+21, HLY+22, JGW+21, LLL+21a, PWT10, ZHD+21, DPL+14].

segmentation-based [DPL+14].

Segmentation-Free [ALR+13].

Segmented [BJ10]. Segmenting [BdOS+18]. Segments [YXS16, NY15].

Seizures [ZG20]. Select
[kCP18, LLZC12, WB11]. Selected [Cat17, HCC14, Kim18, LC10, YGFC20, YTC21, AS15]. Selecting [HKS11, KTL1M5, LL1C+15].

Selection
[AV17, AW18, AMH16, AAT20, ASI+11, ACWW05, ACWW07, BHMC16, Bon07, BS08, BCL13b, BHP19, CLVT+20, CWCJ21, FYSM12, GZG17, GCB+18, HYW+17, HLL+18a, HLN20, HDS+18, HGLS21, HC07, LTM+12, LH10, LLC+13, LW17, LDM18, LPH+13, LW19b, LHH19, LSB+11, LHY+11, MT11, MCRC17, MCHT17, MBF+11, NPD+17, NO09, OLZ11, PGHT12, PBhL+11, QOD+21, RM13, SMRP15, SLX+18, SIM12, SZL11, TZH07, TZ16, WRSX11, WL13b, WL1G+16, WXS+19, WW18, Y1M11, YZG+19, YH1B12, ZLPW16, ZwGC17, ZWR+17, ZRK19, ZKL18, ZYW+10, dSPFF21, BCL15, HR1P16, HL1W5, LLRZ15, LJJ+14, M1Z15, MSH14, WFD15, YCY+14].

Selectivity [VKS17]. Self [CMC+12, GF10, LLY+17, WZA07, WMWA12, WYF21, XH+18, YWK+07, YMY+12].

Self-Adaptive [WYF21, YWK+07].

Self-Assembly [CMC+12]. Self-Boosted [YMY+12]. Self-Interacting [LYL+17].

Self-Nestedness [GF10]. Self-Organizing [WZA07]. Self-Regulation [WMWA12].

Self-Training [XHQ+18]. Semantic [CLH+15, DBK18, GM16, IQA18, JZL13, MCC16, SSP+05, XLL19, YFWZ16, HK15, JCI15, SLS+14].

Semantic-Based [GM16], semantically [Tah14]. Semantics [FMRS18, GzS11, HS09b]. Semi
[AMM16, DGV+17, HF12, JM12, KL11c, YDZ+22, YCY+14]. Semi-Automated [DGV+17]. Semi-Markov [KL11c].

Semi-Supervised
[AMM16, DGV+17, HF12, JM12, YDZ+22, YCY+14].

Semiglobal [COW20, MKH11].

Semisupervised
[FSMJ05, KC11, LHY11, LTL+07, XAW07].

Sense [HVD18]. Sensing
[CZJ17, GGG+21, K12b, MDM13, GFG16].

Sensitive [HB11, MKG20, Wan12, WCC+18, WZ13a, LJJ+14]. sensitivities [SYV14].

Sensitivity [ATA+17, HYW+17, LWZ+21a, PSIM17, WXX120, XZG+18, BH+14].

Sensitivity-Based [XZG+18]. Sentence
[NAHT+20]. Separability [MT11, UC10].

Separable [LWZ12]. Separated [Pol13]. Seq [LLY+19, LTRW19, CBK20, FSNF21, LH+14, ZWHH21, AALD17, CZM+18, LXY+16, STB+19, WS12, ZGDH16, ZFF+20]. Seq2seq [KK120].

SeqDB
[How13]. **Sequence**

[AH11, AGMP09, BAK06, COW20, CCYW12, CLW13, CHZ+16, CWLS15, CGP0W6, CW22, DSZ+06, DK17, DK13, FS18, GBSB21, HB05, HZTP12, HT09, HPL+13, HLZ+17, HYZ16, HLG10, IGM+07, IQA18, JL10, KPP19, KCD+12, KS18, KK08, Kuk13, KMG+05, LN17, LPH18, cLWA07, LCGW19, LWD+21, MLW+12, MGL+12, NNSZ07, NP13, NUNZ15, PLF12, PS11, POS+18, PT09, QZZ21b, RW07, RCM+19, dSRCT+11, SLH+06a, SLCL22, WLMW+11, WYHD17, WXS+19, WZ13a, WZCXL18, XHY+18, YZG+19, YHZ+19, YH13, YXZD21, ZANN20, ZWcF17, ZSZ+13, ZSLX+16, ZWZS16, FSL, ZWZS16, FSL, ZZ20, FSL+15, WLC+15, XHY+14].

**Sequence**-Based [CHZ+16, HLZ+17, LPH18, MGL+12, WXS+19, WZ13a]. **sequence-independent** [PSK+15]. **Sequence-Order** [LCGW19].

**Sequence-Specific** [AH11]. **Sequences** [BMCMY22, Bi09, CW07, CZ20, CFOS06, CWLS15, CLS19, CAN+08, CHK17, DSVMM18, FM12, HC17, HLDZ17, HLH11, JDHL20, Kar12a, KWL07, KC11, KT07, LPH18, LLW+11, LYL+17, MRK18, MS21, MIC+07, PFJ+19, RH05, RFFB+20, RLV04, RA16, SIK20, SLH06b, TED+12, WL13a, WKL12, Wan12, WCLY20, WL22, Wu11, ZWS16, ZGZ+20, CR14, DKS+15, GÄVRR15, LZGZ14, WL14, YICW+15].

**Sequencing**

[AKR12, BBN18, CH11, FS13b, HG16, AKD17, KSS15, Kur13, LLL+21b, LMZL17, ML18, OLS+13, PNP+18, Pre04, SC22a, TW+20, WM19a, WGL+21, WL15, YKW17, YWW20, YWW+18, YYYX+21, Z20, FSL+15, WLC+15, XHY+14].

**Sequencing-by-Hybridization** [Pre04].

**Sequential** [AKV16, KCZ+15, LLW+22, MSP+19, WI07, YLL+06, ZWZS16]. **Serial** [WZA07].

**Series** [BMK11, EAS13, HAH13, KSB12, KMG+05, LLL15, MTSCO10, ÖBT21, PH10b, RMS15, SMK22, SC11, WLL+09, WGP11, ZZKW18].

**Serum** [RTA+16]. **Server** [XYZ20, LBL+10]. **Service** [XLX+21].

**Services** [KPP19, YJJW21, ZBY+21]. **Set** [FAAAW+11, BGHC20, BSOV10, DRS12, FLAM15, HYY+11, HMK+07, JKNE21, LH18, NLGG12, SMSZ17, WYL07, XLZ+15, YSC13, YNN+18, BM15, DB14, MZL15, WLG+14].

**Sets** [AJD+12, BKP+19, BMHS13, BNV+13, Csu04, Cza18, DK17, DG19, GLG10, HS08, HC07, KNS+05, KBCZ12, LWS+20, OMWX09, PAS+11, Pol13, RBDVMGP16, RGCB05, SSS+11, SMK+12, UC10, WZZ+18, WCQ+19, YCO8, ZWW17].

**Seventh** [MVVR21a]. Several [FM11]. **Sex** [GGM21]. **Shaking** [CNS+22b]. **Shannon** [DGH+06]. **Shape** [ADPH11, ADPH13, ARP+16, DJA+06, GAGM11, Mat07, Str11, ZSH21, ZHD+21].

**Shape-Structure** [DZA+06]. **Shaped** [AKS20, BG13]. **Share** [LBL12b]. **Shared** [JGW+21, PYL+21]. **Sharing** [NGY+16, WAG19].

**Shaving** [GLG10, SDCW11]. **Sheet** [AAE11, DNS19].

**Shewanella** [DS19]. **Shifting** [AMBK14]. **Shifting-and-scaling** [AMBK14]. **Shock** [CRP12]. **Shoot** [GPF+20, TRKRC13].

**Shorelines** [vIKK08]. **Short** [AKL17, GBD17, JL10, KK19, LEAK11, LKW+19, LL19, MTP+15, Roc06, SC11, SS20b, TR07, TED+12, WLL+09, WCLY20, WHW21, YXYX+21, ZCL21, ZLX+20, FSL+15]. **Short-Read** [LKX+19, TED+12, YYX+21, FSL+15].

**Short-Term** [LL19, TR07, WHW21, ZCL21, ZLX+20].

**Shortest** [ATX21, ARZ+14]. **Shot** [CJH+21, GM22]. **Shotgun** [ZKP+07].

**Show** [SYKS15]. **Shrinkage** [MRS09, WDS+12]. **Shuffled** [HDS+18].

**Side** [AD12, JQH+20, LBL12b, GLBLZ14].

**Side-Chain** [LBL12b, GLBLZ14].
Side-Effect [JQH+20]. Sided [QSJ+20].
Sigma [LHL+19b]. Sigma-54 [LHL+19b].
Sigma70 [LLTC19]. Signal [BZ10, FLW12, GCJ+21, GZN21, HCQ14, HXX21, Kar12b, LZL+19, PT18, WLP15, ZZCY10, ZZP+21b, SB16]. Signaling [AJD+12, AAH+18, CCN22, ED15, FKL07, HAK+12, JKE21, KKD16, LLZ+13, OCI13, RAM17, YOGY11, ZZ13, CXS15, LP15].
Signalling [HLLO19, LCH19]. Signals [HLH11, LDGY21, LWZ+21b, RH05, XNYC21, MEOL14]. Signature [CBZ18, MMBC22, SMRP15, KGF+14]. Signatures [DST15a, PN17, WDL+22].
Signed [Gru11, HZL19, HBBM21, LN20, OYDZ15]. Significance [AH11, MS17, PBV+20, WS12, ZLZ06, FLW+14]. Significant [PRU11, YNWC07, Ta14]. Significantly [AAP06]. Silico [DMD13, LYL+17, PG12, VDS+20, SYK15].
SimBioNeT [DFTC12]. Similar [AFJ12, LBL12b, MP13, PB19, QDZ+21, WL13a].
[LCB17, MDH11, RP13, FHRG14].
Software [Ano13b, Ano13c, CM15, GSK13, AKD17, MZ17, XHS15]. sofware
Software [Ano13b, Ano13c, CM15, GSK13, AKD17, MZ17, XHS15].

Solid [KHP12]. Solution [BSST08, HLM+13, SSS20a, YJJW21, LV14, XLC+15, SAM+19]. Solutions
[AM19, BLS12, ST19, TGM+21, WOYL17].
Solvent [GSC+18]. Solvent [GSC+18].

Solving [BMM08, LGZ+17, ARZ+14, PHX+08, TGP+15]. Somatic
[KCZ+15, OZWA21]. Some [BvdGK+11].
Sorting [BBCP07, BSST08, BS15, EH06, GB17, HZL19, HBM19, HBM21, MR10, OJF+21, QLLX10, Wan16, dDD18, ZZ14].
sound [BCMW15]. Source
[PSPM20, YSW+17, YLJY21]. Source-Target [PSPM20]. Sources
[JS08, LHZH17, RM18]. SP [ADPH13].
SP-Dock [ADPH13]. spa [AKNB07].
Space [AKS13, BPV+11, BSST08, DDC12, DHC12, GLS+16, HZR+19, HZZY16, JGW+21, LR20, Nak10, NSN12, OP11, SWSA21, YLL+06, ZZ+17, LHS16, SHK14, BU17].
Space-Dividing [SWSA21]. space-efficient [LHS16]. Spaced
[Zha07, LMZ14]. Spaces
[DSZ+06, HEF17, YDM+08]. Spanning
[HEF17]. Sparse
[BHH12, CCCY20, DBP+16, Che10, CXX19, DLY+21, FYSM12, GCB+18, GZN21, HYR+19, HLG521, JY21, JFN11, KSN+12, LDM18, LTL10, LXY+16, MLZ18, SDD+12, TP18, WHX17, WHF+20, XL16, YXS16, YCCM12, YZG+17, ZDL12, ZmCXS17, ZRK19, ZZN+11a, SXL+14].
Sparsity [NSN12, MMSH14].
sparsity-inducing [MMSH14]. Spartan
[ATA+17]. Spatial
[BU17, CSZT19, HKT+18, JL10, LUDSCH10, LW18, LMS+20, LCOMG14, LLW+22, RKL16, SSFW12, ZHZ+20, ZYF+18]. Spatial-Temporal [ZYF+18]. spatially
[ZMC+14]. Spatio [SDA+06]. Spatial-Temporal [SAD+06]. Special
[AnO09c, ANO12a, AnO13d, AnO13b, AnO13c, BL18, BPW17, BPRZ11, CLS22, CSS22a, Cas06, CZ12, FS12, FS13a, FJJ18, GH08b, GJ19, GUS99b, GM16, HMZ17, HBG16, HBG17, HBG18, HBG19, HBG20, HBG21, HMS09, KJ04, KJ05, MP08, MPSZ09, MWZ13, MSZ19b, MPZ10, MJ18, TS17, TS18, TH18, WYWX16, WLWN17, WH11, YS17, ZC15, dSK13, CEG14, LW15, MKAR16, PR14, SA15, XHS15, Ano05b, Cas07, LNY05b, LNY05a, MPZ07, RZF07].
Speciation [ZZS18, ZZ+21]. Species
[ADR18, DRS12, DR16, DHC12, GM22, KHO+20, LSM+21, LB19, MSG18, SRM18, VST+10, Zha11, ZWG+21, wTCAK+20, DR14, HMK14]. Species-Based [VST+10]. Species-Specific [GM22]. Species-VOC
[KHO+20]. Specific
[AH11, ABV12, CSS11, GM22, JlwC11, MSQ18, MTS+19b, MB16, RB16, SZG21, XLZ+15, YKWK18, ZCG+18, ZHE19, GRL14, MZS+16, MEOL14]. Specificities
[LLX+16]. Specificity [FW20]. Specified
[ZWL11]. Spectra
[BM08, BKR11, LmZL17, OG11, SLL+19, YKW17, ZGC+05, ZLC+21, ZGB+12, DST+15b]. Spectral
[FLAM15, SSDN12, SH11b, WNT+17, YLY+12, ZHJ17, ZLC+21, ZYV+13].
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**Zhang:2020:PEP**


Zhang:2021:PSP


Zhang:2021:MSC

Zhou:2018:STM


Zhang:2020:MN

Zhou:2020:CCK


Zhou:2019:CCK


Zhou:2019:CCK

Huiwei Zhou, Yunlong Yang, Shixian Ning, Zhuang Liu, Chengkun Lang, Yingyu Lin,


Zhang:2015:NMD

Zhang:2018:DMD

Zhang:2020:CCM

Zeng:2010:SSC
[ZZCY10] Jia Zeng, Xiao-Yu Zhao, Xiao-Qin Cao, and Hong Yan. SCS: Signal, context, and structure features for genome-wide hu-


